

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

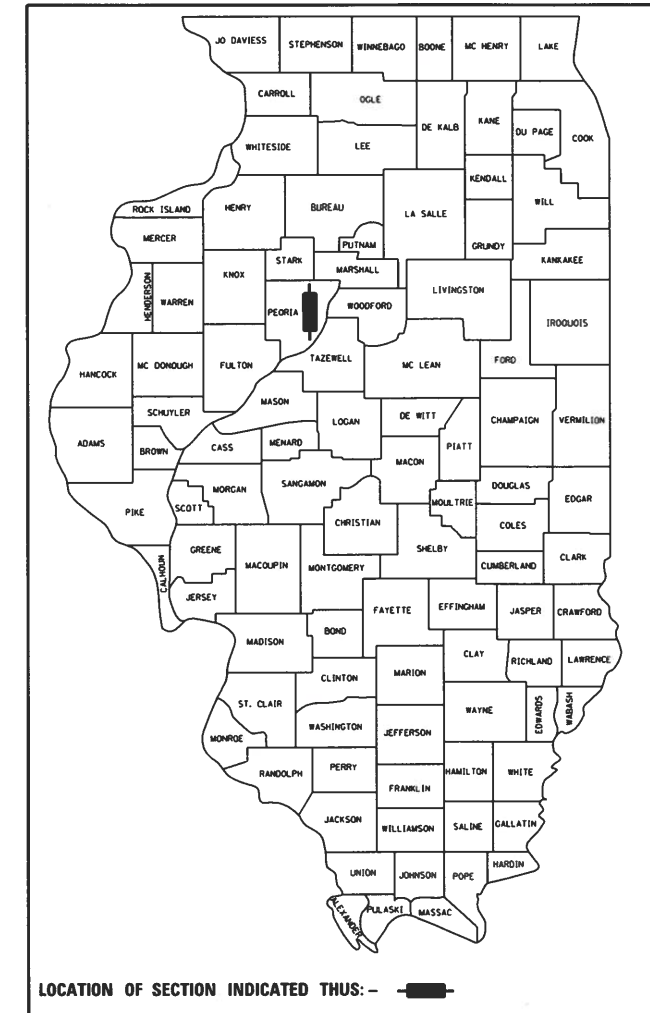
**FAS 386 (CH R40 / KICKAPOO-EDWARDS RD)**  
**(SHAMROCK LN TO COUNTRYSIDE LN)**  
**SECTION 16-00054-00-SP**  
**PROJECT M6CS(759)**  
**SHOULDERS, CULVERTS & RETAINING WALL**  
**PEORIA COUNTY**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-SP	PEORIA	49	1
		ILLINOIS	CONTRACT NO. 89732	

**INDEX OF SHEETS**

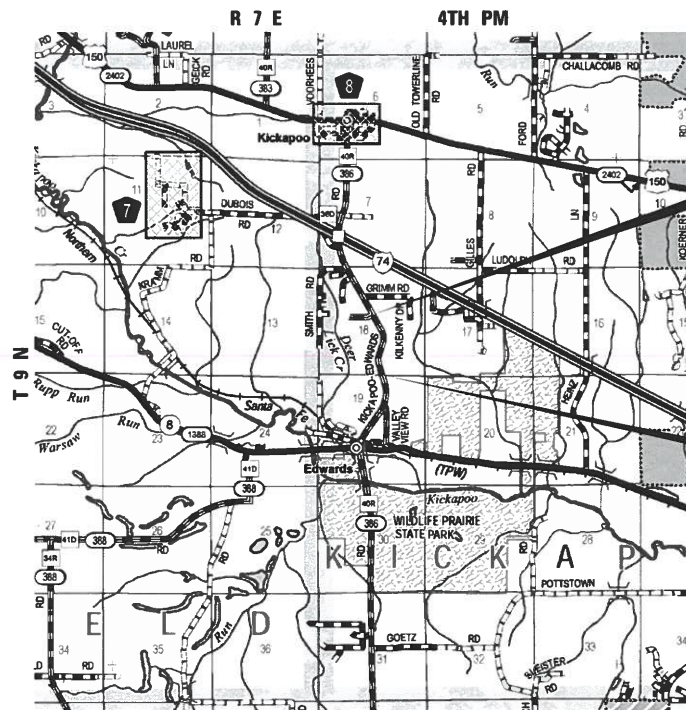
- 1 COVER SHEET
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FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2.



**PROPOSED IMPROVEMENT:**  
 HOT-MIX ASPHALT AND AGGREGATE SHOULDERS, WIDENING OF SLOPES, CROSS-ROAD AND ENTRANCE CULVERT REPLACEMENTS AND RETAINING WALL.

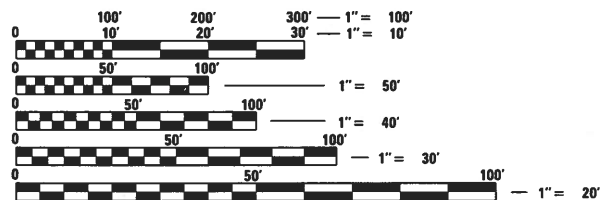
C-94-067-17



**KICKAPOO-EDWARDS RD**  
**END IMPROVEMENT**  
**STA. 44 + 81.64**

**KICKAPOO-EDWARDS RD**  
**BEGIN IMPROVEMENT**  
**STA. 12 + 83.90**

**FUNCTIONAL CLASSIFICATION**  
**RURAL MAJOR COLLECTOR**  
 2017 ADT = 3150  
 DESIGN SPEED = 50 MPH  
 PV = 88%      SU = 7%      MU = 5%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

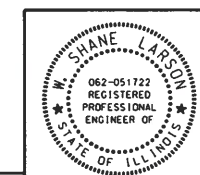
J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

N  
  
 LOCATION MAP  
 NOT TO SCALE

GROSS LENGTH = 3,197.74 FT = 0.606 MILE  
 NET LENGTH = 3,197.74 FT. = 0.606 MILE

**PROJECT MANAGER: SHANE LARSON, P.E.**  
**PROJECT ENGINEER: RYAN BRADLE, P.E.**  
**CATALOG 035490-00D**  
**CONTRACT NO. 89732**

**Hutchinson Engineering, Inc.**  
 Jacksonville - Peoria  
 Shorewood - Moline  
 Since 1945  
 2018      JOB #4215



EXPIRES: 11/30/19  
  
 SIGNATURE  
 ENGINEER'S SEAL

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

APPROVED Oct. 18 2018  
  
 PEORIA COUNTY ENGINEER

PASSED Nov. 14 2018  
  
 DISTRICT FOUR ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW NOVEMBER 14 2018  
  
 REGION THREE ENGINEER

**PRINTED BY THE AUTHORITY**  
**OF THE STATE OF ILLINOIS**

## GENERAL NOTES

**MISCELLANEOUS**

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY DAMAGE FOUND TO SURVEY MONUMENTS THAT WAS A RESULT OF THE CONTRACTOR'S OPERATIONS WILL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

THE REMOVAL OF AGGREGATE SURFACE OR BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF THE PROJECT SHALL BE REMOVED AS EARTH EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF PERFORMING THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL IDENTIFIED EXISTING FIELD TILES SHALL BE REMOVED AND REPLACED WITH THE CONTINGENCY ITEMS IN ACCORDANCE WITH THE SPECIAL PROVISION AND APPROVAL OF THE ENGINEER.

**PLAN ELEVATIONS - U.S.G.S. MEAN SEAN LEVEL DATUM**

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

**ENVIRONMENTAL REVIEWS**

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR I.D.O.T. DISTRICT 4 TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND FIVE WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

**AVAILABILITY OF ELECTRONIC FILES**

MICROSTATION AND GEOPAK FILES FOR THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES AND SHALL HOLD HUTCHISON ENGINEERING & PEORIA COUNTY HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

**AGGREGATE FOR DRIVEWAY REPLACEMENT**

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE WHITE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

**PROPERTY OWNER ACCESS REQUIREMENT**

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

**TREE REMOVAL**

THE PEORIA COUNTY HIGHWAY DEPARTMENT SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS OR LOCATIONS INCLUDED IN THE PLANS.

**ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS**

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE PIPE CULVERTS AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

**WOVEN WIRE FENCE REPLACEMENT COMMITMENT**

THE WOVEN WIRE FENCE SHALL BE INSTALLED PRIOR TO THE REMOVAL OF THE EXISTING FARM FENCES. THE CONTRACTOR SHALL PROVIDE A PULL POST AT THE INTERSECTION OF NEW AND EXISTING FENCES. WHEN SO DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL INSTALL THE WOVEN WIRE FENCE PRIOR TO COMMENCING ANY OTHER WORK IN THE AREA. THE CONTRACTOR SHALL PERFORM ANY CLEARING AND MINOR GRADING AS DIRECTED BY THE ENGINEER TO PROVIDE A SMOOTH GROUND SURFACE FOR THE PROPOSED FENCE.

**SETTING OF SECTION CORNER MONUMENTATION**

ALL SECTION CORNER LOCATION ON THIS PROJECT SHALL BE LOCATED AND VERIFIED BY A LICENSED LAND SURVEYOR PRIOR TO ANY REMOVAL WORK BEING PERFORMED. THE LAND SURVEYOR SHALL LOCATE THE EXISTING SECTION CORNERS THROUGH COURTHOUSE RESEARCH, PERSONAL KNOWLEDGE OR THROUGH THE ASSISTANCE OF LOCAL FIRMS PERFORMING LAND SURVEYING IN THE AREA. IF THE SECTION CORNER DOES NOT EXIST THROUGH EITHER ITS PHYSICAL LOCATION OR THROUGH TIES IN THE FIELD IT SHALL NOT BE RESET, THERE SHALL BE NO CALCULATING OF SECTION CORNERS ONTO A PROJECT REQUIRED.

ONCE THE GRADING OPERATIONS HAVE BEEN PERFORMED THE SECTION CORNER SHALL BE RESET AT THE DIRECTION OF A LICENSED LAND SURVEYOR. IF ANY DIMENSIONS HAVE BEEN CHANGED, IT SHALL BE THE RESPONSIBILITY OF THE SURVEYOR TO FILE A NEW MONUMENT RECORD IN THE APPROPRIATE COURTHOUSE.

A COPY OF ALL DRAWINGS OR MONUMENT RECORDS PRODUCED FROM THIS PROJECT SHALL BE SENT TO THE PEORIA COUNTY HIGHWAY DEPARTMENT.

THE SUPPLYING, DRILLING, SETTING OF DISKS, PROFESSIONAL SERVICES, LABOR AND ANY OTHER ADDITIONAL WORK REQUIRED TO PERFORM THIS WORK SHALL BE PAID FOR UNDER PAY ITEM FOR PERMANENT SURVEY MARKERS, TYPE I.

REFER TO DISTRICT FOUR CADD STANDARD 667101 FOR DETAILS.

**COMMITMENTS**

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

THE PEORIA COUNTY HIGHWAY DEPARTMENT WILL PURCHASE THE REQUIRED NUMBER OF TREES TO BE REPLACED AND PLANT THEM ON THIS PROJECT AS REPLACEMENT TREES FOR PROPERTY OWNERS UNLESS THEY DECLINE TO HAVE NEW TREES PLANTED ON THEIR PROPERTY. THE COUNTY WILL FOLLOW IDOT DEPARTMENTAL POLICY D&E PRESERVATION AND REPLACEMENT OF TREES. TREE REPLACEMENT SHALL BE 3:1 SEEDLINGS OR 1:1 BALLED AND BURLAP TREES.

TREES WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30, IN ACCORDANCE WITH THE NATURAL RESOURCES REVIEW FROM 1/2/2018 CONCERNING THE INDIANA BAT AND THE NORTHERN LONG-EARED BAT.

ROCKS, BOULDERS, AND PLANTS LINING THE ENTRANCE AT 6104 N. KICKAPOO-EDWARDS ROAD SHALL BE SET ASIDE BY THE CONTRACTOR FOR THE PROPERTY OWNER AND NOT DISPOSED OF DURING CONSTRUCTION.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

INCIDENTAL HOT-MIX ASPHALT SURFACING .....	115 LBS/SQ YD/INCH
BITUMINOUS MATERIALS (PRIME COAT) .....	0.25 LBS/SQ FT
BITUMINOUS MATERIALS (TACK COAT) .....	0.08 LBS/SQ FT
NITROGEN FERTILIZER NUTRIENT .....	90 LBS/ACRE (SEEDING)
PHOSPHORUS FERTILIZER NUTRIENT .....	90 LBS/ACRE (SEEDING)
POTASSIUM FERTILIZER NUTRIENT .....	90 LBS/ACRE (SEEDING)

## HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
542401-03	METAL END SECTION FOR PIPE CULVERTS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
642006	SHOULDER RUMBLE STRIPS, 8 IN
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS-DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

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KICKAPOO-EDWARDS RD - PH II (PEORIA CO) CADD\CADD Sheets\CD489732-shh-demos\cd.dgn

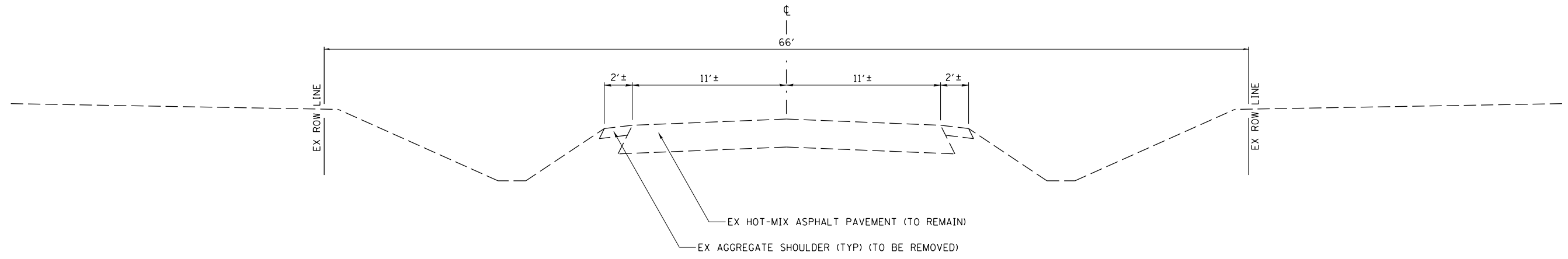
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PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>KICKAPOO-EDWARDS RD HIGHWAY STANDARDS, GENERAL NOTES &amp; COMMITMENTS</b>			
SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	2
CONTRACT NO. 89732				
ILLINOIS		FED. AID PROJECT		

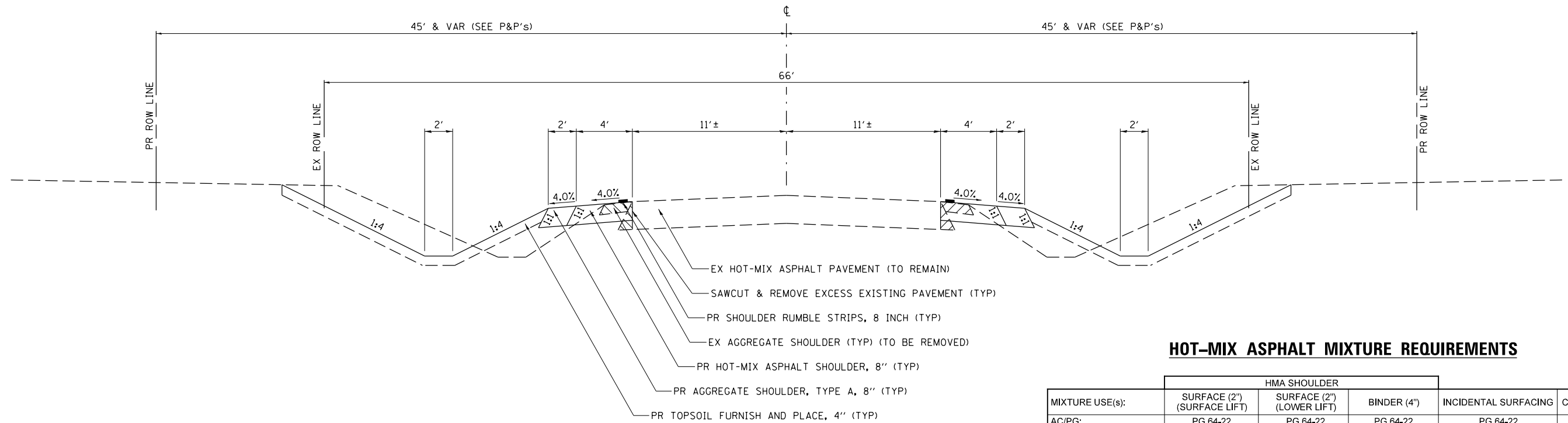




**EXISTING TYPICAL SECTION**

**KICKAPOO EDWARDS RD**

STA 12+83.90 TO STA 44+81.64



**PROPOSED TYPICAL SECTION**

**KICKAPOO EDWARDS RD**

STA 12+83.90 TO STA 17+50  
 STA 25+00 TO STA 29+50  
 STA 39+00 TO STA 44+81.64

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE USE(s):	HMA SHOULDER			INCIDENTAL SURFACING	CLASS D PATCH
	SURFACE (2") (SURFACE LIFT)	SURFACE (2") (LOWER LIFT)	BINDER (4")		
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX "C"	N/A	N/A	MIX "C"	MIX "C"
QUALITY MANAGEMENT	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT	N/A	N/A	N/A	N/A	N/A

NOTE: HOT-MIX ASPHALT SHOULDER SHALL BE PLACED IN 3 LIFTS AS FOLLOWS:

- 1ST LIFT - 4 INCHES - HMA BINDER COURSE
- 2ND LIFT - 2 INCHES - HMA SURFACE COURSE
- 3RD LIFT - 2 INCHES - HMA SURFACE COURSE

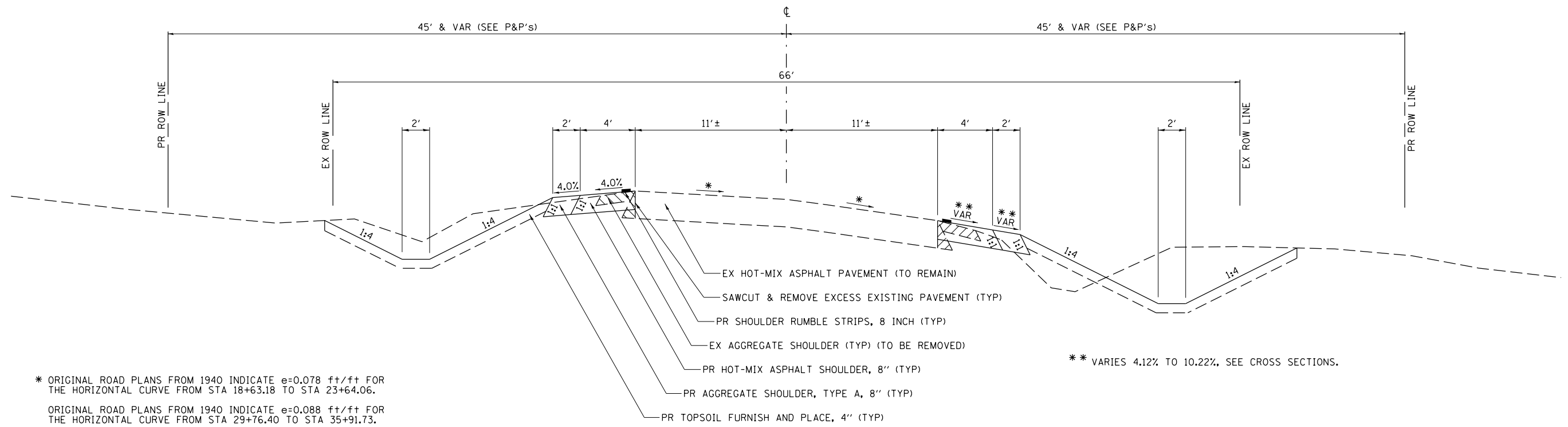
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	DRAWN - SRH	REVISED -
PLOT SCALE = 6,000' / in.	CHECKED - WSL	REVISED -
PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>KICKAPOO-EDWARDS RD    TYPICAL SECTIONS</b>			
SCALE: N/A	SHEET 1	OF 2 SHEETS	STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	4
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

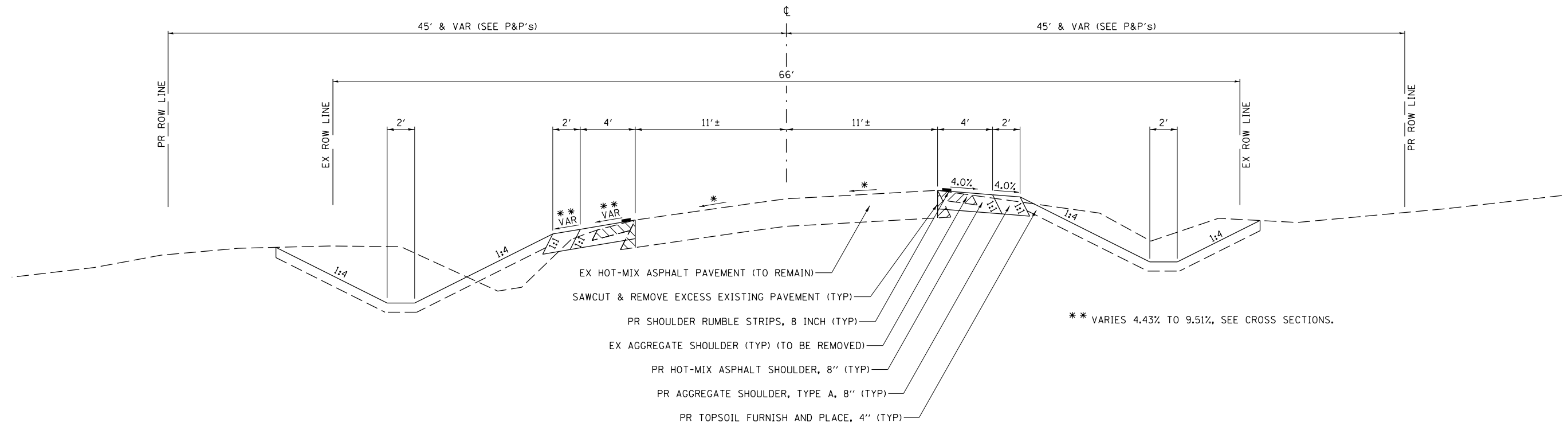


\* ORIGINAL ROAD PLANS FROM 1940 INDICATE  $e=0.078$  ft/ft FOR THE HORIZONTAL CURVE FROM STA 18+63.18 TO STA 23+64.06.  
 ORIGINAL ROAD PLANS FROM 1940 INDICATE  $e=0.088$  ft/ft FOR THE HORIZONTAL CURVE FROM STA 29+76.40 TO STA 35+91.73.  
 FIELD SURVEY INDICATES THAT THESE VALUES MAY BE SLIGHTLY HIGHER IN SOME LOCATIONS.

**PROPOSED SUPERELEVATED TYPICAL SECTION  
 KICKAPOO EDWARDS RD**

STA 18+00 TO STA 24+50

NOTE: MAXIMUM ALLOWABLE SHOULDER BREAKOVER DIFFERENCE IS 10%.



**PROPOSED SUPERELEVATED TYPICAL SECTION  
 KICKAPOO EDWARDS RD**

STA 30+00 TO STA 38+50

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PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 SUPERELEVATED TYPICAL SECTIONS**

SCALE: N/A SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	5
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
LOCATION			20100110
STATION	OFFSET	SIDE	UNIT
16+19.8	41.1'	LT	12
16+44.1	41.2'	LT	12
19+47.9	34.4'	LT	12
20+87.2	33.5'	LT	12
23+00.0	45.5'	LT	12
23+03.5	39.3'	LT	12
23+79.7	47.2'	LT	12
38+51.6	37.5'	LT	12
38+69.8	34.6'	LT	12
38+70.7	35.1'	LT	15
38+81.1	35.5'	LT	12
38+84.7	35.1'	LT	8
39+15.0	35.2'	LT	15
39+69.6	33.9'	LT	15
39+81.4	34.2'	LT	15
39+94.2	34.4'	LT	15
40+06.1	34.0'	LT	15
41+14.5	38.8'	RT	10
TOTAL			228
USE			228

EARTHWORK						
1		2	3	4	5	
LOCATION		EARTH EXCAVATION	SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH BALANCE WASTE(+) OR SHORTAGE(-)	
STATION	TO	STATION	CU YD	CU YD	CU YD	
20200100						
12+83.90	TO	21+00 (CULVERT)	2084	1563	96	1467
21+00 (CULVERT)	TO	26+00	1534	1150	130	1020
26+00	TO	31+76 (CULVERT)	1428	1071	145	926
31+76 (CULVERT)	TO	36+00	590	442	81	361
36+00	TO	40+87 (CULVERT)	1106	830	50	780
40+87 (CULVERT)	TO	44+81.64	652	489	145	344
TOTAL			7394	5545	647	4898
USE			7395			
SHRINKAGE FACTORS: 25%						
EARTH EXCAVATION:						
COLUMN 1, 2 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.						
CUT = EARTH EXCAVATION AND FILL = EMBANKMENT						
COLUMN 3 = COLUMN 2 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)						
COLUMN 5 (FURNISHED EXCAVATION) = COLUMN 3 - COLUMN 4						

TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR)		
LOCATION		28000305
STATION	SIDE	LENGTH FOOT
14+49	LT	14.0
14+69	RT	14.0
15+98	LT	14.0
16+38	RT	14.0
17+00	RT	14.0
17+47	LT	14.0
17+49	RT	14.0
17+98	RT	14.0
18+47	RT	14.0
18+75	LT	14.0
18+96	RT	14.0
19+24	LT	14.0
19+45	RT	14.0
20+10	LT	14.0
19+94	RT	14.0
20+23	RT	14.0
20+52	RT	14.0
20+81	RT	14.0
21+10	RT	14.0
21+39	RT	14.0
21+25	LT	14.0
22+10	LT	14.0
23+01	LT	14.0
23+22	RT	14.0
23+69	RT	14.0
23+84	LT	14.0
24+16	RT	14.0
25+55	LT	14.0
26+08	RT	14.0
30+34	LT	14.0
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31+14	LT	14.0
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32+52	LT	14.0
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32+68	LT	14.0
32+84	LT	14.0
33+00	LT	14.0
33+35	RT	14.0
33+74	LT	14.0
34+36	RT	14.0
34+62	LT	14.0
35+75	LT	14.0
35+77	RT	14.0
36+38	LT	14.0
37+18	RT	14.0
37+00	LT	14.0
38+59	RT	14.0
40+66	LT	14.0
40+82	LT	14.0
40+98	LT	14.0
41+08	LT	14.0
41+26	LT	14.0
41+44	LT	14.0
41+05	RT	14.0
41+62	LT	14.0
42+48	LT	14.0
43+25	LT	14.0
43+05	RT	14.0
43+68	LT	14.0
44+00	LT	14.0
TOTAL		910.0
USE		910

TRENCH BACKFILL		
STATION	DESCRIPTION	20800150 VOLUME CU YD
21+00.8	30" CMP PIPE CULVERT REMOVAL	25.7
21+20.1	30" PIPE CULVERT	29.8
31+75.2	18" PIPE CULVERT	33.3
40+87.5	24" PIPE CULVERT	9.2
TOTAL		98.0
USE		98

PERIMETER EROSION BARRIER				
LOCATION				28000400
STATION	TO	STATION	SIDE	LENGTH FOOT
21+30	TO	23+00	RT	183
32+00	TO	32+50	LT	50
42+14	TO	43+00	LT	86
TOTAL				319
USE				319

TREE REMOVAL (OVER 15 UNITS DIAMETER)			
LOCATION			20100210
STATION	OFFSET	SIDE	UNIT
13+67.3	42.6'	LT	24
15+53.4	35.8'	LT	24
20+11.5	31.0'	LT	24
20+26.9	30.6'	LT	24
20+42.1	31.3'	LT	24
20+56.7	31.4'	LT	24
20+72.0	32.7'	LT	24
20+79.7	33.1'	LT	24
21+98.3	45.9'	LT	24
22+59.4	50.5'	LT	60
26+15.2	46.3'	LT	36
27+21.2	35.0'	LT	36
27+44.0	34.0'	LT	36
27+85.3	33.5'	LT	36
28+09.3	33.4'	LT	36
28+31.6	34.1'	LT	36
28+83.5	32.6'	LT	24
28+94.8	33.2'	LT	24
29+17.2	34.3'	LT	24
29+29.6	34.1'	LT	24
29+72.6	36.0'	LT	36
29+94.8	37.1'	LT	24
30+20.1	36.1'	LT	24
30+48.5	38.0'	LT	24
30+94.5	36.6'	LT	24
38+51.6	38.3'	LT	18
38+95.4	35.3'	LT	24
39+05.1	35.7'	LT	30
39+23.7	35.3'	LT	24
40+52.5	39.2'	RT	24
TOTAL			840
USE			840

TOPSOIL, SEEDING, NUTRIENTS & MULCH										
LOCATION				21101615	25000110	25000400	25000500	25000600	25100115	28000250
				TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING
STATION	TO	STATION	SIDE	SQ YD	ACRE	POUND	POUND	POUND	ACRE	POUND
12+83.9	TO	13+44.4	LT	184.0	0.04	3	3	3	0.04	11
12+83.9	TO	14+14.7	RT	343.7	0.07	6	6	6	0.07	21
13+44.4	TO	15+20.5	LT	508.3	0.11	9	9	9	0.11	32
14+14.7	TO	27+70.6	RT	5043.1	1.04	94	94	94	1.04	313
15+20.5	TO	16+63.0	LT	349.0	0.07	6	6	6	0.07	22
16+63.0	TO	18+09.8	LT	401.6	0.08	7	7	7	0.08	25
18+09.8	TO	18+40.6	LT	89.5	0.02	2	2	2	0.02	6
18+40.6	TO	19+63.5	LT	312.3	0.06	6	6	6	0.06	19
19+63.5	TO	19+84.2	LT	53.0	0.01	1	1	1	0.01	3
19+84.2	TO	21+51.0	LT	514.2	0.11	10	10	10	0.11	32
21+51.0	TO	22+40.6	LT	254.3	0.05	5	5	5	0.05	16
22+40.6	TO	23+48.3	LT	314.4	0.06	6	6	6	0.06	19
23+48.3	TO	24+88.3	LT	450.4	0.09	8	8	8	0.09	28
24+88.3	TO	25+93.7	LT	289.8	0.06	5	5	5	0.06	18
25+93.7	TO	26+72.4	LT	177.6	0.04	3	3	3	0.04	11
26+72.4	TO	27+70.4	LT	248.4	0.05	5	5	5	0.05	15
27+70.4	TO	28+77.1	LT	282.7	0.06	5	5	5	0.06	18
27+70.6	TO	29+04.7	RT	363.4	0.08	7	7	7	0.08	23
28+77.1	TO	29+62.6	LT	272.2	0.06	5	5	5	0.06	17
29+04.7	TO	33+00.8	RT	1238.0	0.26	23	23	23	0.26	77
29+62.6	TO	35+20.7	LT	1677.9	0.35	31	31	31	0.35	104
33+00.8	TO	39+94.7	RT	2215.3	0.46	41	41	41	0.46	137
35+20.7	TO	36+23.0	LT	219.8	0.05	4	4	4	0.05	14
36+23.0	TO	37+19.6	LT	248.4	0.05	5	5	5	0.05	15
37+19.6	TO	38+00.0	LT	172.5	0.04	3	3	3	0.04	11
38+00.0	TO	39+42.1	LT	363.8	0.08	7	7	7	0.08	23
39+42.1	TO	40+31.9	LT	244.4	0.05	5	5	5	0.05	15
39+94.7	TO	40+42.8	RT	66.2	0.01	1	1	1	0.01	4
40+31.9	TO	42+05.6	LT	417.5	0.09	8	8	8	0.09	26
40+42.8	TO	41+87.2	RT	390.9	0.08	7	7	7	0.08	24
41+87.2	TO	42+71.0	RT	216.3	0.04	4	4	4	0.04	13
42+05.6	TO	42+78.3	LT	143.4	0.03	3	3	3	0.03	9
42+71.0	TO	44+81.6	RT	574.5	0.12	11	11	11	0.12	36
42+78.3	TO	44+81.6	LT	467.2	0.10	9	9	9	0.10	29
TOTAL				19108.2	3.95	355.4	355.4	355.4	3.95	1184.6
USE				19109	4.00	356	356	356	4.00	1185
SEEDING NUTRIENTS RATE OF APPLICATION: 90 LBS/ACRE										
TEMPORARY EROSION CONTROL SEEDING RATE OF APPLICATION: 100 LBS/ACRE (3 APPLICATIONS)										

INLET AND PIPE PROTECTION			
STATION	OFFSET	SIDE	28000500 EACH
13+31.6	29.5'	LT	1
13+99.1	30.4'	RT	1
15+06.1	30.4'	LT	1
16+50.5	30.8'	LT	1
17+95.1	30.9'	LT	1
19+42.1	28.2'	LT	1
21+02.5	21.2'	LT	1
21+73.8	28.2'	LT	1
22+53.4	28.9'	LT	1
23+48.4	28.2'	LT	1
24+87.5	30.8'	LT	1
25+95.3	31.3'	LT	1
26+72.5	31.4'	LT	1
27+90.4	29.7'	RT	1
28+53.8	30.1'	LT	1
28+87.7	30.0'	RT	1
29+38.4	30.5	LT	1
31+76.3	34.5'	RT	1
33+12.2	29.5'	RT	1
35+39.4	31.2'	LT	1
36+46.8	29.6'	LT	1
37+40.6	29.3'	LT	1
38+20.7	29.3'	LT	1
39+59.0	30.0'	LT	1
40+50.0	30.4	RT	1
40+87.1	30.0'	RT	1
41+96.9	30.5'	RT	1
42+17.8	34.6'	LT	1
42+83.8	30.5'	RT	1
43+00.2	30.0'	LT	1
TOTAL			30
USE			30

MODEL Default  
FILE NAME: W:\3215 - Kickapoo-Edwards Rd - Ph II (Per)B Co(CAD)CAD - Sheets\B9735-shi-act-nut-ies-1.dgn

USER NAME = Shughes	DESIGNED - RMB	REVISED -
PLOT SCALE = 2,000' / In.	DRAWN - SRH	REVISED -
PLOT DATE = 10/10/2018	CHECKED - WSL	REVISED -
	DATE - 9-17-18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: N/A SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

KICKAPOO-EDWARDS RD  
SCHEDULES OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	6
CONTRACT NO. 89732				
ILLINOIS		FED. AID PROJECT		

ENTRANCES & MAILBOX TURNOUTS										
LOCATION		35100500	40200700	40800050	42300200	40600275	40600290	48203029		
		ENTRANCES					ENT APPROACH & MB TURNOUTS FOR HOT-MIX ASPHALT SHOULDERS		ENTRANCE APPROACH	MAILBOX TURNOUTS
		AGGREGATE BASE COURSE, TYPE A 6"	AGGREGATE SURFACE COURSE, TYPE A 8"	INCIDENTAL HOT-MIX ASPHALT SURFACING (3")	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	BITUMINOUS MATERIALS (PRIME COAT) (1 APPLICATION) (0.25 LBS/SQ FT)	BITUMINOUS MATERIALS (TACK COAT) (2 APPLICATIONS) (0.08 LBS/SQ FT)	HOT-MIX ASPHALT SHOULDERS, 8"		
STATION	SIDE	SQ YD	SQ YD	TON	SQ YD	POUND	POUND	SQ YD		
13+44.4	LT	35.9		6.1		174.6	60.0	41.7		
14+14.7	RT		35.5			94.0	60.2	41.8		
15+20.5	LT		49.4			97.2	62.2	43.2		
16+63.0	LT				34.4	93.6	59.9	41.6		
18+09.8	LT	34.3		5.8		170.4	59.7	41.5		
18+40.6	LT		41.7			48.1	30.8	21.4		
19+63.5	LT		41.2			112.9	72.3	50.2		
19+84.2	LT		35.5							
21+51.0	LT		50.4			49.9	31.9	22.2		
22+40.6	LT		48.9			95.5	61.1	42.5		
23+48.3	LT		50.7			99.1	63.4	44.0		
24+88.3	LT				50.7	98.6	63.1	43.8		
25+93.7	LT		39.9			53.4	34.2	23.7		
26+72.4	LT		34.8			95.3	61.0	42.4		
27+70.4	LT	33.0		6.0		168.6	60.4	42.0		
27+70.6	RT	77.7		13.1		321.7	94.0	65.3		
28+77.1	LT		41.8			48.6	31.1	21.6		
29+04.7	RT		35.5			45.8	29.3	20.4		
29+62.6	LT		47.0			96.5	61.8	42.9		
33+00.8	RT	64.1		11.0		279.2	86.4	60.0		
35+20.7	LT		32.1			96.4	61.7	42.9		
36+23.0	LT		71.7			121.9	78.0	54.2		
37+19.6	LT		34.7			94.4	60.4	42.0		
38+00.0	LT		70.0			106.8	68.4	47.5		
39+42.1	LT		58.4			102.4	65.6	45.5		
39+94.7	RT		57.1			179.0	114.6	79.6		
40+31.9	LT		99.6			102.1	65.3	45.4		
40+42.8	RT		40.6							
41+87.2	RT		46.5			97.9	62.7	43.5		
42+05.6	LT		39.5			51.7	33.1	23.0		
42+71.0	RT	33.1		5.6		120.7	29.6	20.5		
42+78.3	LT		34.4			70.2	44.9	31.2		
TOTAL		278.1	1136.8	47.6	85.1	3386.8	1767.1	229.3	997.8	
USE		279	1137	48	86	3387	1768		1228	

PIPE CULVERT REMOVAL				
LOCATION		SIZE (IN)	TYPE	50105220
STA	SIDE			LENGTH FOOT
13+44.4	LT	15	CMP	20.4
14+14.7	RT	12	CMP	28.4
15+20.5	LT	15	CMP	30.4
16+63.0	LT	15	CMP	20.5
18+09.8	LT	15	CMP	22.1
18+40.6	LT	15	CMP	22.0
19+63.5	LT	15	CMP	28.1
19+84.2	LT	15	CMP	21.5
20+14.4	RT	-	CPP/CMP	19.3
20+99.7	LT	4	PLSTC	14.0
21+00.8	LT/RT	30	CMP	51.1
21+51.0	LT	15	CMP	22.1
21+66.2	RT	18	CPP	20.1
22+40.6	LT	15	CMP	22.3
23+48.3	LT	15	CMP	30.5
24+88.3	LT	17x13 EL	CMP	30.3
25+93.7	LT	17x13 EL	CMP	30.4
26+72.4	LT	15	CMP	29.7
27+70.6	RT	18	CMP	60.5
28+77.1	LT	15	CMP	20.7
29+62.6	LT	15	CMP	30.4
31+76.3	LT/RT	18	CMP	61.7
33+00.8	RT	15	CMP	30.3
34+77.9	RT	SMASHED	CMP	15.0
35+20.7	LT	15	CMP	30.5
36+23.0	LT	15	CMP	30.3
37+19.6	LT	17x13 EL	CMP	30.5
38+00.0	LT	17x13 EL	CMP	30.5
39+42.1	LT	17x13 EL	CMP	30.6
39+94.7	RT	17x13 EL	CMP	30.2
40+42.8	RT	17x13 EL	CMP	30.2
40+87.5	LT/RT	24	CMP	44.9
41+87.2	RT	15	CMP	30.1
42+05.6	LT	15	CMP	30.2
42+71.0	RT	15	CMP	22.0
42+78.3	LT	15	CMP	30.5
TOTAL				1052.3
USE				1053

SHOULDERS							
LOCATION		40600275		40600290		48100700	48203029
		FOR HOT-MIX ASPHALT SHOULDERS				AGGREGATE SHOULDERS, TYPE A, 8"	HOT-MIX ASPHALT SHOULDERS, 8"
		BITUMINOUS MATERIALS (PRIME COAT) (1 APPLICATION) (0.25 LBS/SQ FT)		BITUMINOUS MATERIALS (TACK COAT) (2 APPLICATIONS) (0.08 LBS/SQ FT)			
STATION	TO	STATION	SIDE	POUND	POUND	SQ YD	
12+83.9	TO	13+44.4	LT	17.8	10.4	8.0	6.8
12+83.9	TO	14+14.7	RT	107.3	62.5	25.6	40.8
13+44.4	TO	15+20.5	LT	135.2	78.8	30.1	51.5
14+14.7	TO	27+70.6	RT	1497.9	872.4	287.9	570.2
15+20.5	TO	16+63.0	LT	99.4	57.9	22.8	37.8
16+63.0	TO	18+09.8	LT	101.1	58.9	23.6	38.5
18+40.6	TO	19+63.5	LT	95.8	55.8	20.1	36.5
19+63.5	TO	21+51.0	LT	158.6	92.4	33.9	60.4
21+51.0	TO	22+40.6	LT	39.0	22.7	10.0	14.8
22+40.6	TO	23+48.3	LT	40.6	23.6	12.2	15.5
23+48.3	TO	24+88.3	LT	95.1	55.4	21.5	36.2
24+88.3	TO	25+93.7	LT	85.0	49.5	19.1	32.4
25+93.7	TO	26+72.4	LT	29.4	17.1	9.0	11.2
26+72.4	TO	27+70.4	LT	53.4	31.1	14.3	20.3
27+70.4	TO	28+77.1	LT	78.1	45.5	18.5	29.7
27+70.6	TO	29+04.7	RT	82.4	48.0	18.3	31.4
28+77.1	TO	29+62.6	LT	39.4	22.9	10.1	15.0
29+04.7	TO	33+00.8	RT	410.5	239.1	80.6	156.3
29+62.6	TO	35+20.7	LT	584.0	340.2	114.8	222.3
33+00.8	TO	39+94.7	RT	746.0	434.5	145.0	284.0
35+20.7	TO	36+23.0	LT	33.2	19.3	10.5	12.6
36+23.0	TO	37+19.6	LT	51.3	29.9	12.4	19.5
37+19.6	TO	38+00.0	LT	11.5	6.7	6.4	4.4
38+00.0	TO	39+42.1	LT	97.1	56.6	21.2	37.0
39+42.1	TO	40+31.9	LT	57.9	33.7	13.6	22.0
40+31.9	TO	42+05.6	LT	136.1	79.2	27.9	51.8
40+42.8	TO	41+87.2	RT	102.5	59.7	23.3	39.0
41+87.2	TO	42+71.0	RT	43.4	25.3	10.9	16.5
42+05.6	TO	42+78.3	LT	48.8	28.4	11.1	18.6
42+71.0	TO	44+72.2	RT	207.9	121.1	43.9	79.1
42+78.3	TO	44+81.6	LT	195.5	113.8	43.2	74.4
TOTAL				5481.2	3192.5	1149.7	2086.6
USE				5482	3193	1150	2087

AGGREGATE SURFACE COURSE, TYPE A 8"						
LOCATION					LENGTH X WIDTH	40200700
STATION	TO	STATION	SIDE	OFFSET		SQ YD
21+68.1	TO	21+98.1	RT	59' TO 71'	30'x12'	40
TOTAL						40
USE						40

PAVEMENT REMOVAL & PATCHES						
LOCATION		35100700	44000100	44201765	CLASS D PATCHES, TYPE II, 10 INCH	
		AGGREGATE BASE COURSE, TYPE A 6"	PAVEMENT REMOVAL	SQ YD		
STATION	TO	STATION	SIDE	SQ YD		
20+98.0	TO	21+03.7	LT & RT	13.5	13.5	13.5
21+07.5	TO	21+33.9	LT & RT	17.9	17.9	17.9
31+73.2	TO	31+77.0	LT & RT	11.1	11.1	11.1
40+85.0	TO	40+90.0	LT & RT	12.5	12.5	12.5
TOTAL				55.0	55.0	55.0
USE				55	55	55

DRIVEWAY PAVEMENT REMOVAL			
LOCATION		44000200	
		BITUMINOUS	CONCRETE
STATION	SIDE	SQ YD	
13+44.4	LT	49.2	
15+20.5	LT		21.8
16+63.0	LT	21.4	32.0
18+09.8	LT	49.4	
18+40.6	LT	28.2	
24+88.3	LT		23.4
27+70.4	LT	45.2	
33+00.8	RT	99.8	
42+71.0	RT	42.6	
TOTAL		335.8	77.1
USE		413	

PRECAST MODULAR RETAINING WALL				
LOCATION			LENGTH FOOT	52200700
STATION	TO	STATION		AREA SQ FT
31+35.0	TO	32+10.0	LT	357
TOTAL				357
USE				357

STONE RIPRAP, CLASS A4 & FILTER FABRIC								
LOCATION			SIZE	28100107	28200200	AREA SQ YD		
				STONE RIPRAP, CLASS A4	FILTER FABRIC			
STATION	OFFSET	TO	STATION	OFFSET	SIDE	SQ YD		
21+00.0			27.5'	LT	16.7' x 10'	18.6	18.6	
21+63.4			46.4'	RT	25' x 10'	27.8	27.8	
31+25.0	33.5'	TO	31+79.6	35.5'	LT	52' x 6'	34.4	34.4
40+88.1			38.7'	LT	10' x 10'	11.1	11.1	
TOTAL						91.9	91.9	
USE						92	92	

MODEL Default  
FILE NAME: V:\31215 - Kickapoo-Edwards Rd - PH II (Pre-IB Co)CAD\CADD Sheets\IB9735-sh-act\sheet\ib-2.dgn

USER NAME = Shughes	DESIGNED - RMB	REVISED -
	DRAWN - SRH	REVISED -
PLOT SCALE = 2,000' / In.	CHECKED - WSL	REVISED -
PLOT DATE = 11/9/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: N/A SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

**KICKAPOO-EDWARDS RD  
SCHEDULES OF QUANTITIES**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	7
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

PIPE CULVERTS										
STATION	SIDE	542C0229	542C1063	542C1075	542D0223	542D0235	54262718	54262724	54262730	54248510
		PIPE CULVERTS					METAL FLARED END SECTIONS			CONCRETE COLLAR
		CLASS C, TYPE 1	CLASS C, TYPE 2	CLASS D, TYPE 1						
		24"	18"	30"	18"	30"	18"	24"	30"	CU YD
		FOOT					EACH			CU YD
13+44.4	LT				28		2			
14+14.7	RT				24		2			
15+20.5	LT				34		2			
16+63.0	LT				28		2			
18+09.8	LT				70		2			
19+84.2	LT				58		2			
21+20.1	X-RD		74						2	
21+51.0	LT				32		2			
21+83.1	RT	20							2	
22+40.6	LT				34		2			
23+48.3	LT				34		2			
24+88.3	LT				32		2			
25+93.7	LT				26		2			
26+72.4	LT				26		2			
27+70.6	RT				40		2			
28+77.1	LT				32		2			
29+04.7	RT				34		2			
29+62.6	LT				32		2			
31+75.2	X-RD		66				2			0.2
33+00.8	RT				38		2			
35+20.7	LT				26		2			
36+23.0	LT				46		2			
37+19.6	LT				28		2			
38+00.0	LT				40		2			
39+42.1	LT				32		2			
40+15.0	RT				70		2			
40+87.5	X-RD					60		2		
41+87.2	RT				32		2			
42+05.6	LT				26		2			
42+71.0	RT				28		2			
42+68.1	LT				22		1			
42+89.4	LT				22		1			
TOTAL		20	66	74	974	60	56	2	4	0.2
USE		20	66	74	974	60	56	2	4	0.2

CONTINGENCY ITEMS			
CODE NUMBER	ITEM	UNIT	QUANTITY
61100605	MISCELLANEOUS CONCRETE	CU YD	10
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	2
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	2
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	50
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	50
61140100	STORM SEWERS (SPECIAL), 10"	FOOT	50
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	50
SEE SPECIAL PROVISIONS FOR THESE ITEMS.			

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"					
STATION	TO	STATION	78009004		
			SOLID		
			WHITE	DOUBLE-YELLOW	
			LT EOP	RT EOP	CENTERLINE
12+84	TO	44+82	3200.0	3200.0	6400.0
TOTAL			6400.0		6400.0
USE				12800	

SHOULDER RUMBLE STRIPS, 8 INCH				
LOCATION				64200108
STATION	TO	STATION	SIDE	FOOT
12+83.90	TO	44+81.64	LT & RT	6400.0
TOTAL				6400.0
USE				6400

PILLAR REMOVAL			
STATION	OFFSET	SIDE	X0321461 EACH
35+35.5	43.7'	LT	1
37+16.4	36.0'	LT	1
37+32.4	35.5'	LT	1
39+76.8	40.1'	RT	1
40+03.7	40.3'	RT	1
TOTAL			5
USE			5

CHAIN LINK FENCE, 4'				
LOCATION				66400105
STATION	TO	STATION	SIDE	FOOT
14+18.2	TO	15+14.4	LT	96.0
15+34.4	TO	15+58.2	LT	23.7
(PLACE ALONG PROPOSED RIGHT-OF-WAY LINE)				
TOTAL				119.7
USE				120

FENCE REMOVAL					
LOCATION				TYPE	Z0022800
STATION	TO	STATION	SIDE		FOOT
14+15.4	TO	15+15.25	LT	4' CHAIN LINK	161.0
STA 14+74.7 TO STA 22+20.6 (RT), 4' WMRE, 721.0' (BY OTHERS)					
14+77.7	TO	27+59.7	RT	4' WOOD	1317.5
15+33.1	TO	15+58.1	LT	4' CHAIN LINK	39.3
20+98.5	TO	20+98.7	LT	3' CHAIN LINK	9.4
27+81.6	TO	32+47.9	RT	4' WOOD	482.0
28+59.4	TO	29+43.9	LT	4' WIRE	112.6
29+66.1	TO	31+77.9	LT	4' WIRE	202.7
32+08.3	TO	32+39.8	LT	4' WIRE	30.0
33+39.9	TO	39+62.6	RT	4' WOOD	641.2
35+33.9	TO	35+34.2	LT	4' CHAIN LINK	1.3
35+39.4	TO	35+40.0	LT	4' CHAIN LINK	2.9
36+44.3	TO	36+46.4	LT	4' WIRE	9.0
40+05.5	TO	40+17.1	RT	4' WOOD	17.8
TOTAL					3026.7
USE					3027

WOVEN WIRE FENCE, 4'				
LOCATION				66500105
STATION	TO	STATION	SIDE	FOOT
28+80.0	TO	29+42.6	LT	62.5
29+60.6	TO	32+39.8	LT	266.7
TOTAL				329.2
USE				330

CONCRETE HEADWALLS FOR PIPE DRAINS			
STATION	OFFSET	SIDE	60100060 EACH
21+00	35.8'	LT	1
TOTAL			1
USE			1

CHAIN LINK GATES, 4' X 20' DOUBLE			
LOCATION			66406200
ENTRANCE STATION	SIDE		EACH
15+20.5	LT		1
TOTAL			1
USE			1

INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID			
LOCATION			60235300
STATION	OFFSET	SIDE	EACH
42+78.3	25.0'	LT	1
TOTAL			1
USE			1

WOVEN WIRE GATES, 4' X 18' DOUBLE			
LOCATION			66501700
ENTRANCE STATION	SIDE		EACH
28+77.1	LT		1
29+62.6	LT		1
TOTAL			2
USE			2

REMOVE AND RELOCATE FLAGPOLE						
LOCATION						X0323256
REMOVE FROM			RE-ERECT AT			EACH
STATION	OFFSET	SIDE	STATION	OFFSET	SIDE	
16+79.2	38.5'	LT	16+79.2	45.0'	LT	1
19+04.7	38.0'	LT	19+04.7	45.0'	LT	1
37+12.0	41.8'	LT	37+12.0	45.0'	LT	1
TOTAL						3
USE						3

WOOD GATE ASSEMBLY SPECIAL			
LOCATION			X0326407
ENTRANCE STATION	SIDE		EACH
29+04.7	RT		1
TOTAL			1
USE			1

REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY				
LOCATION				X2600012
STATION	OFFSET	SIDE	TYPE	EACH
13+21.3	25.5'	RT	W1-2R & W13-1P (45 MPH)	1
18+27.4	24.6'	LT	W1-8 (2 SIGN PANELS)	1
19+44.0	22.3'	LT	W1-8 (2 SIGN PANELS)	1
20+66.4	23.5'	LT	W1-8 (2 SIGN PANELS)	1
21+86.4	23.1'	LT	W1-8 (2 SIGN PANELS)	1
23+05.4	22.7'	LT	W1-8 (2 SIGN PANELS)	1
24+35.5	23.9'	LT	W1-8 (2 SIGN PANELS)	1
26+44.0	24.0'	RT	W1-2L & W13-1P (45 MPH)	1
27+04.1	26.2'	LT	W1-2L & W13-1P (45 MPH)	1
30+91.1	23.7'	RT	W1-8 (2 SIGN PANELS)	1
31+75.6	23.9'	RT	W1-8 (2 SIGN PANELS)	1
32+40.6	23.3'	RT	W1-8 (2 SIGN PANELS)	1
34+03.5	22.4'	RT	W1-8 (2 SIGN PANELS)	1
34+38.8	26.4'	LT	SCHOOL BUS STOP	1
34+97.0	22.4'	RT	W1-8 (2 SIGN PANELS)	1
40+62.5	26.5'	LT	"WESTERN RD"	1
41+41.3	24.2'	LT	W1-2R & W13-1P (45 MPH)	1
TOTAL				17
USE				17

WOOD POST AND RAIL FENCE				
LOCATION				Z0077900
STATION	TO	STATION	SIDE	FOOT
14+77.7	TO	28+95.7	RT	1384.8
29+13.7	TO	32+47.9	RT	351.7
33+39.8	TO	39+62.6	RT	638.1
(PLACE ALONG PROPOSED RIGHT-OF-WAY LINE)				
TOTAL				2374.6
USE				2375

FENCE (SPECIAL) - (BY OTHERS)				
LOCATION				X2200003
STATION	TO	STATION	SIDE	FOOT
14+73.98	TO	22+22.72	RT	719.0
(PLACE 12.5' BEHIND WOOD POST AND RAIL FENCE)				
TOTAL				719.0
USE				719

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USER NAME = Shughes	DESIGNED - RMB	REVISED -
	DRAWN - SRH	REVISED -
PLOT SCALE = 2,000' / In.	CHECKED - WSL	REVISED -
PLOT DATE = 11/9/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>KICKAPOO-EDWARDS RD SCHEDULES OF QUANTITIES</b>		F.A.S. RTE. 386	SECTION 16-00054-00-5P	COUNTY PEORIA	TOTAL SHEETS 49	SHEET NO. 8
SCALE: N/A	SHEET 3	OF 4	SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 89732
				ILLINOIS	FED. AID PROJECT	



MODEL: Default  
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TREES						
LOCATION			A2001012	A2006416	A2006912	D2001748
			TREE, ACER RUBRUM (RED MAPLE), 1-1/2" CALIPER, BALLED AND BURLAPPED	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	TREE, QUERCUS PALUSTRIS (PIN OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 4' HEIGHT, BALLED AND BURLAPPED
STATION	OFFSET	SIDE	EACH	EACH	EACH	EACH
13+67.3	45.0'	LT	1			
16+19.8	45.0'	LT				1
16+44.1	45.0'	LT				1
20+11.5	45.0'	LT				1
20+26.9	45.0'	LT				1
20+42.1	45.0'	LT				1
20+56.7	45.0'	LT				1
20+72.0	45.0'	LT				1
20+79.7	45.0'	LT				1
20+87.2	45.0'	LT				1
21+98.3	54.7'	LT	1			
22+59.4	50.5'	LT	1			
23+00.0	50.0'	LT				1
23+03.5	50.0'	LT				1
23+79.7	50.0'	LT	1			
26+15.2	45.0'	LT	1			
27+21.2	45.0'	LT			1	
27+44.0	45.0'	LT			1	
27+85.3	45.0'	LT		1		
28+09.3	45.5'	LT		1		
28+31.6	46.7'	LT		1		
28+83.5	49.4'	LT		1		
28+94.8	49.9'	LT		1		
29+17.2	51.1'	LT		1		
29+29.6	51.7'	LT		1		
29+72.6	54.0'	LT				1
29+94.8	54.9'	LT				1
30+20.1	55.3'	LT				1
30+48.5	55.3'	LT				1
30+94.5	55.3'	LT				1
38+46.0	45.0'	LT	1			
38+56.0	45.0'	LT	1			
38+69.8	45.0'	LT				1
38+70.7	45.0'	LT				1
38+81.1	45.0'	LT				1
38+84.7	45.0'	LT				1
38+95.4	45.0'	LT				1
39+05.1	45.0'	LT	1			
39+15.0	45.0'	LT				1
39+23.7	45.0'	LT				1
39+69.6	45.0'	LT				1
39+81.4	45.0'	LT				1
39+94.2	45.0'	LT				1
40+06.1	45.0'	LT				1
40+52.5	45.0'	RT	1			
41+14.5	45.0'	RT	1			
<b>TOTAL</b>			10	7	2	27
<b>USE</b>			10	7	2	27

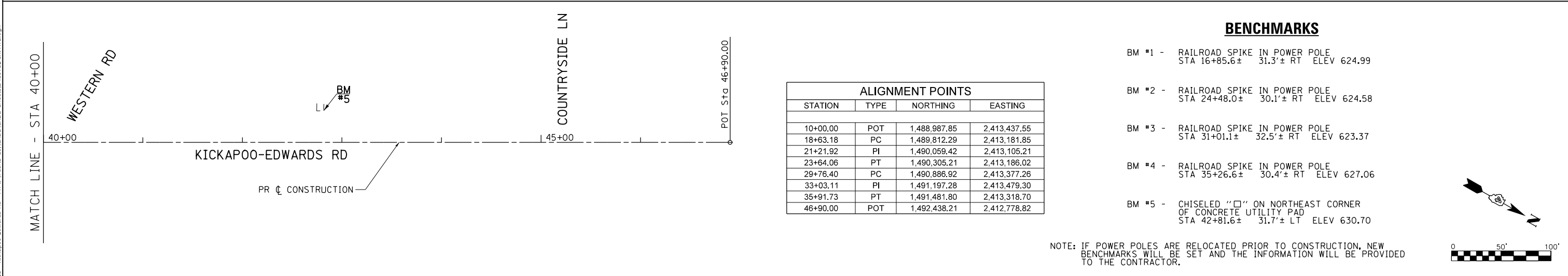
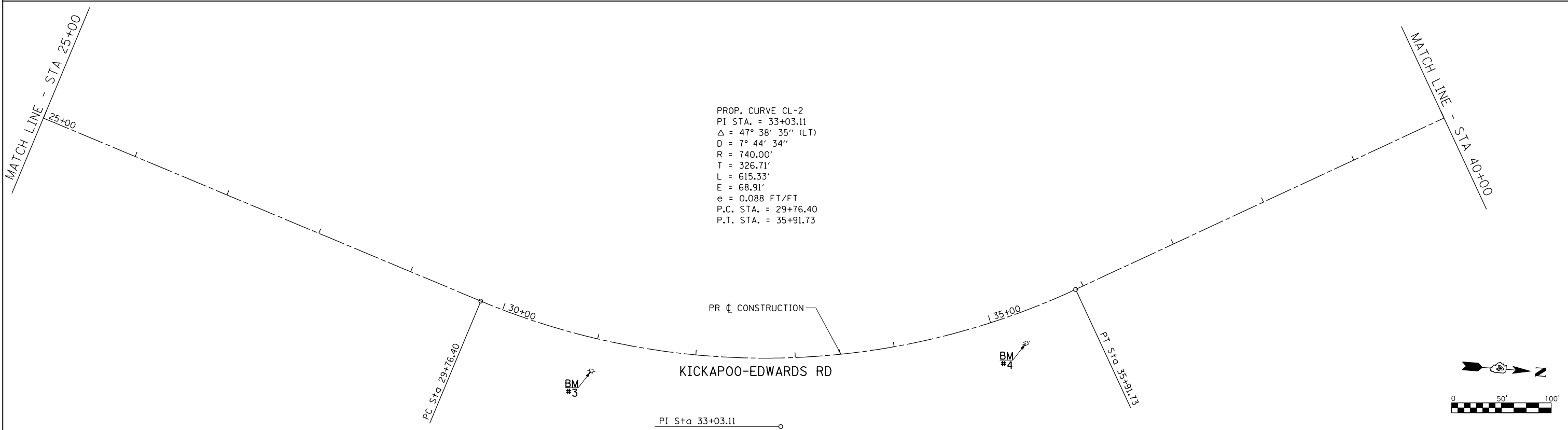
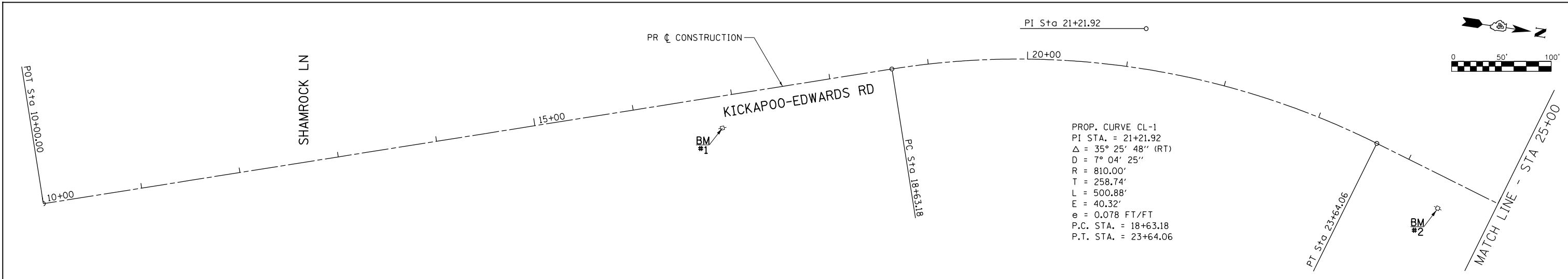
USER NAME = SHughes	DESIGNED - RMB	REVISED -
	DRAWN - SRH	REVISED -
PLOT SCALE = 2,000' / In.	CHECKED - WSL	REVISED -
PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD**  
**SCHEDULES OF QUANTITIES**

SCALE: N/A    SHEET 4 OF 4 SHEETS    STA. N/A    TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	9
CONTRACT NO. 89732			ILLINOIS FED. AID PROJECT	



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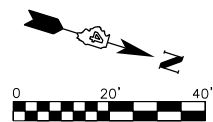
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	DRAWN - SRH	REVISED -
PLOT SCALE = 100.0000' / In.	CHECKED - WSL	REVISED -
PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

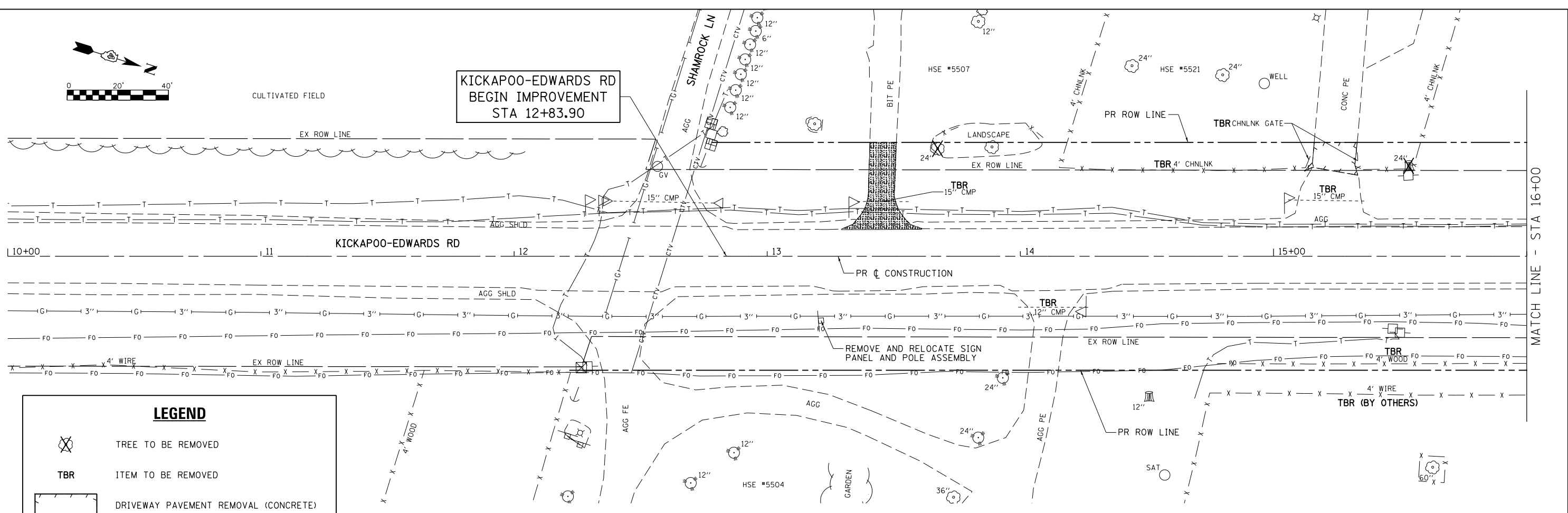
**KICKAPOO-EDWARDS RD  
HORIZONTAL ALIGNMENT PLAN & BENCHMARKS**

SCALE: N/A    SHEET 1 OF 1 SHEETS    STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	10
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

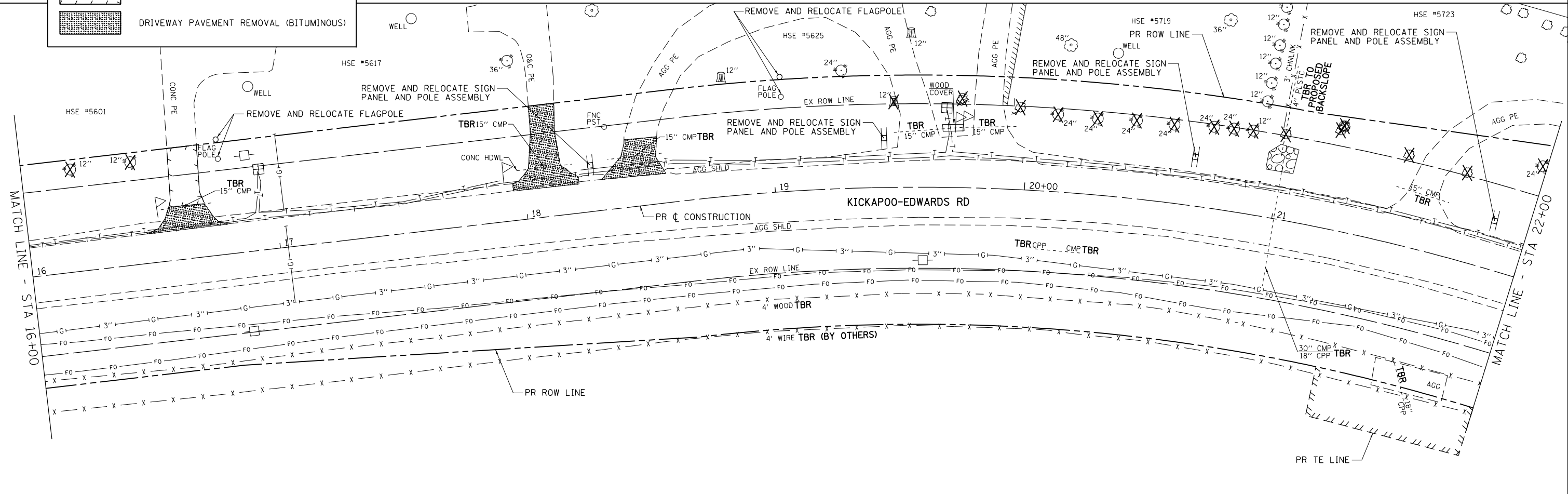


KICKAPOO-EDWARDS RD  
BEGIN IMPROVEMENT  
STA 12+83.90



**LEGEND**

- TREE TO BE REMOVED
- TBR** ITEM TO BE REMOVED
- DRIVEWAY PAVEMENT REMOVAL (CONCRETE)
- DRIVEWAY PAVEMENT REMOVAL (BITUMINOUS)



MODEL Default  
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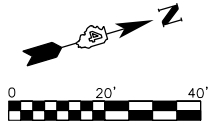
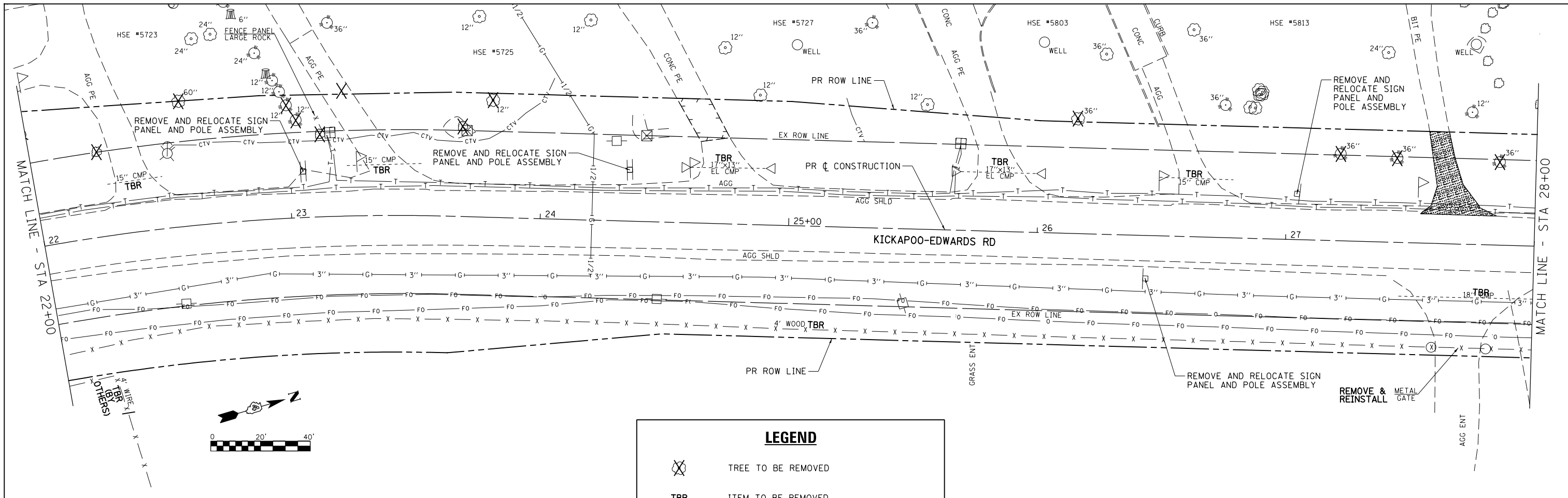
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	DRAWN - SRH	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - WSL	REVISED -
PLOT DATE = 10/16/2018	DATE - 9-16-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


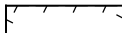

**KICKAPOO-EDWARDS RD  
REMOVAL PLAN**

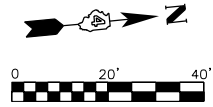
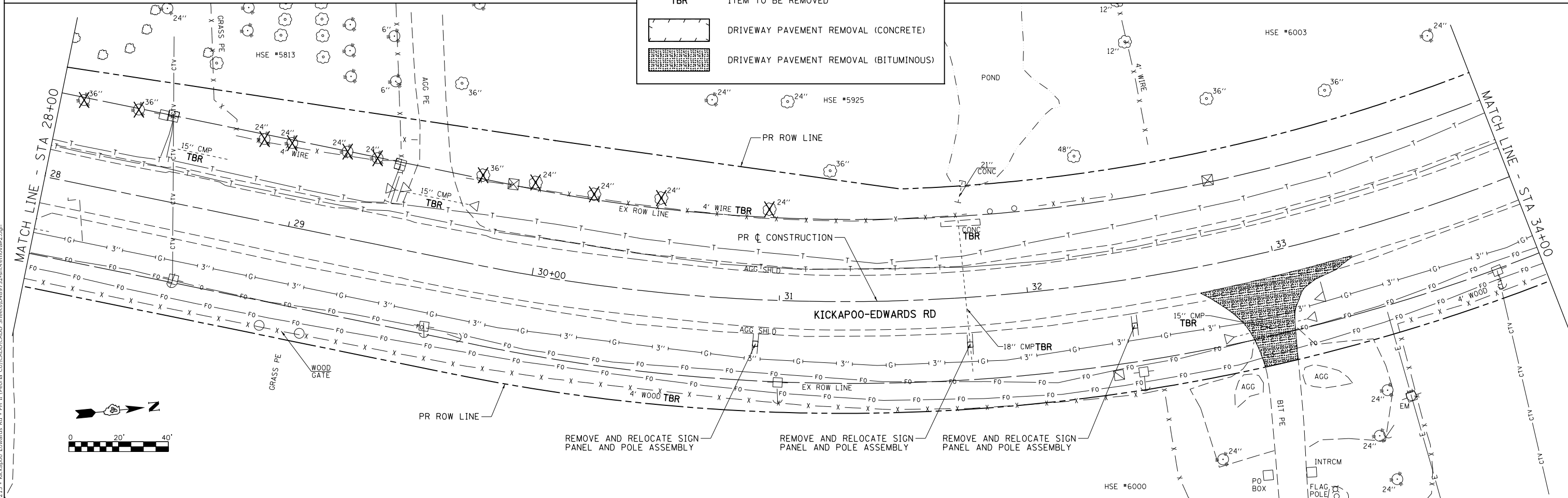
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 10+00 TO STA. 22+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	11
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  TREE TO BE REMOVED
- TBR** ITEM TO BE REMOVED
-  DRIVEWAY PAVEMENT REMOVAL (CONCRETE)
-  DRIVEWAY PAVEMENT REMOVAL (BITUMINOUS)



MODEL: Default  
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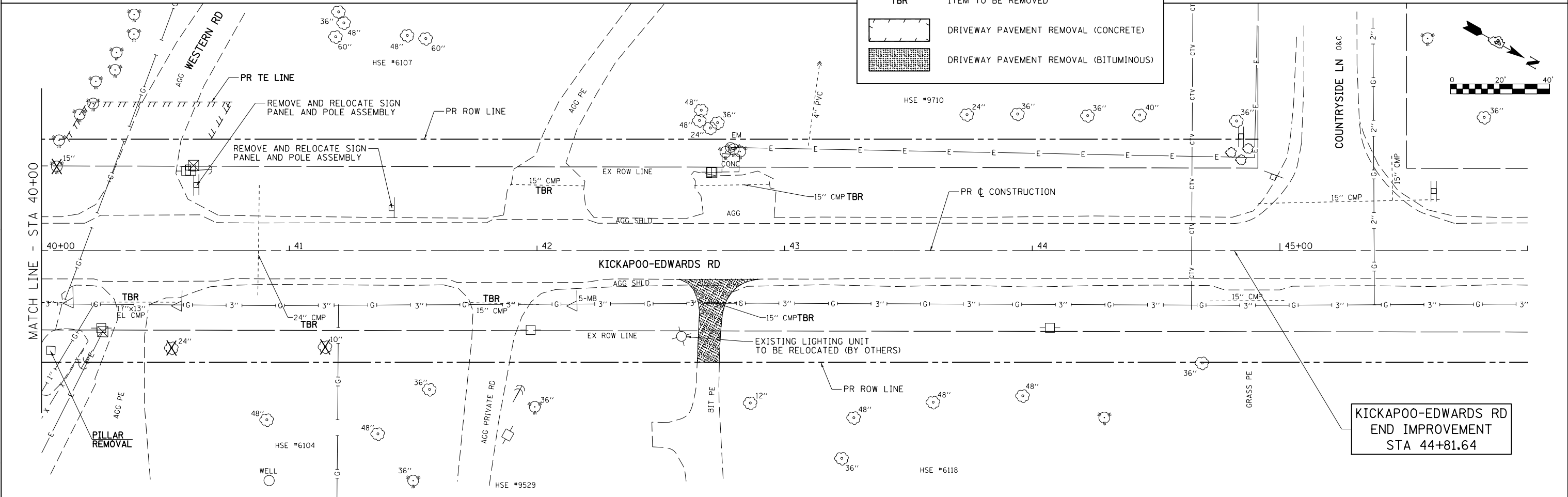
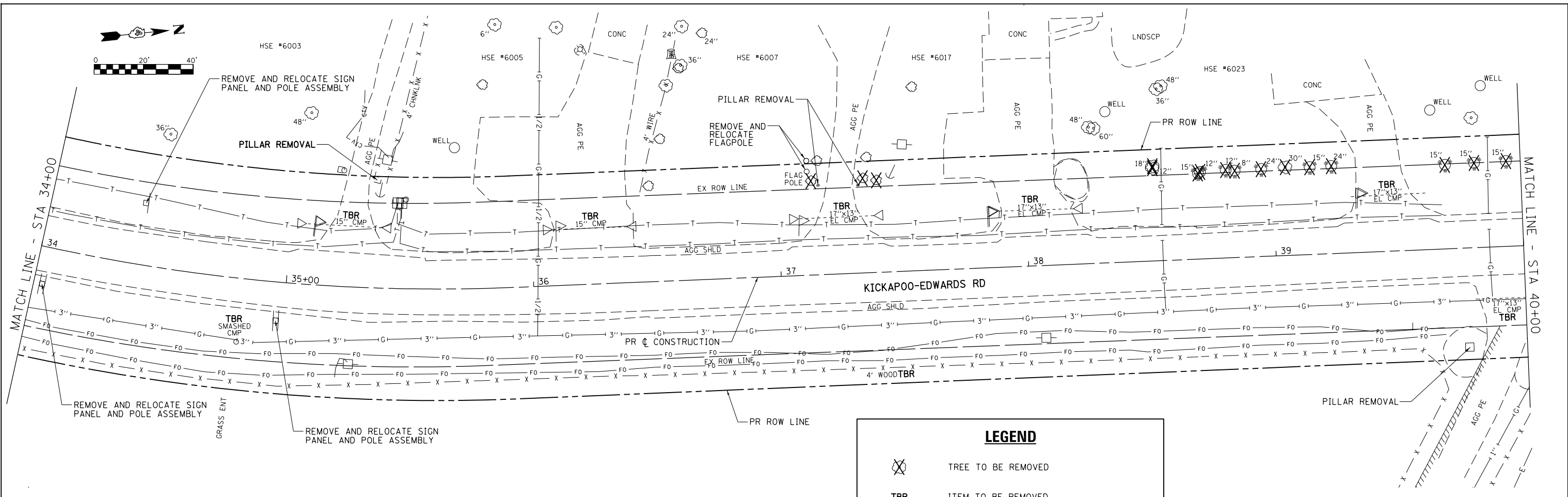
USER NAME = Shughes	DESIGNED - RMB	REVISED -
	DRAWN - SRG	REVISED -
PLOT SCALE = 40,0000' / In.	CHECKED - WSL	REVISED -
PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
REMOVAL PLAN**

SCALE: 1"=20'    SHEET 2    OF 3    SHEETS    STA. 22+00    TO STA. 34+00

F.A.S. RTE. 386	SECTION 16-00054-00-5P	COUNTY PEORIA	TOTAL SHEETS 49	SHEET NO. 12
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- TREE TO BE REMOVED
- ITEM TO BE REMOVED
- DRIVEWAY PAVEMENT REMOVAL (CONCRETE)
- DRIVEWAY PAVEMENT REMOVAL (BITUMINOUS)

USER NAME = rbradtle	DESIGNED - RMB	REVISED -
	DRAWN - SRH	REVISED -
PLOT SCALE = 40,000' / 1"	CHECKED - WSL	REVISED -
PLOT DATE = 10/19/2018	DATE - 9-17-18	REVISED -

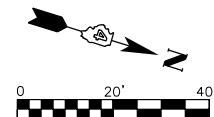
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
REMOVAL PLAN**

SCALE: 1"=20'    SHEET 3 OF 3 SHEETS    STA. 34+00 TO STA. 46+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	13
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

MODEL Default  
FILE NAME: W:\3215 - Kickapoo-Edwards Rd - PH II (Perf) Co/CADD/CADD Sheets\89732-shrremoval3.dgn



CULTIVATED FIELD

TRANSITION HOT-MIX ASPHALT SHOULDERS FROM 1' TO 4' (STA 12+83.9 TO STA 13+23.3)

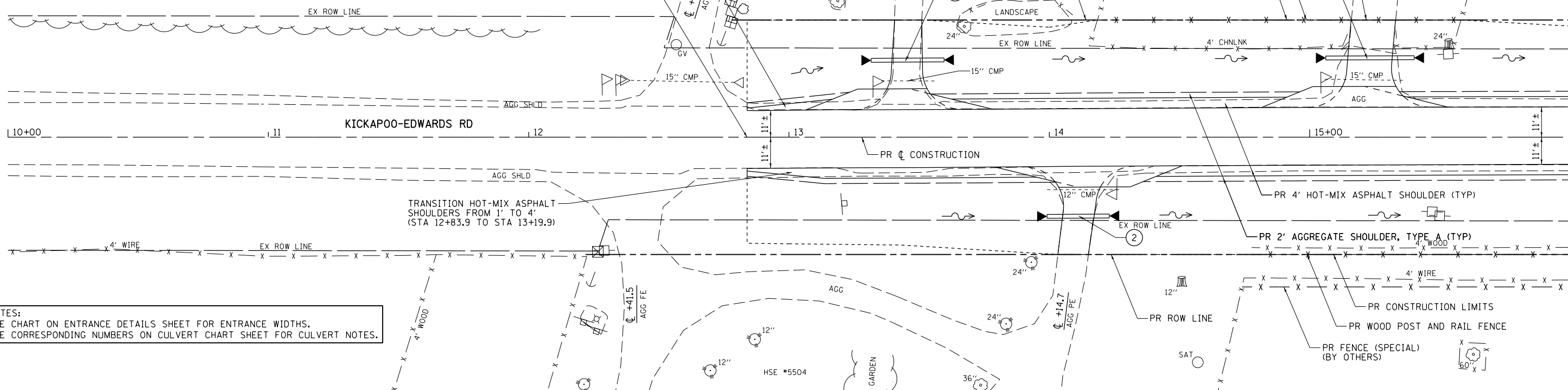
KICKAPOO-EDWARDS RD BEGIN IMPROVEMENT STA 12+83.90

SEC 18, T 9 N, R 7 E, 4TH PM

PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	ADD FILE NAME	

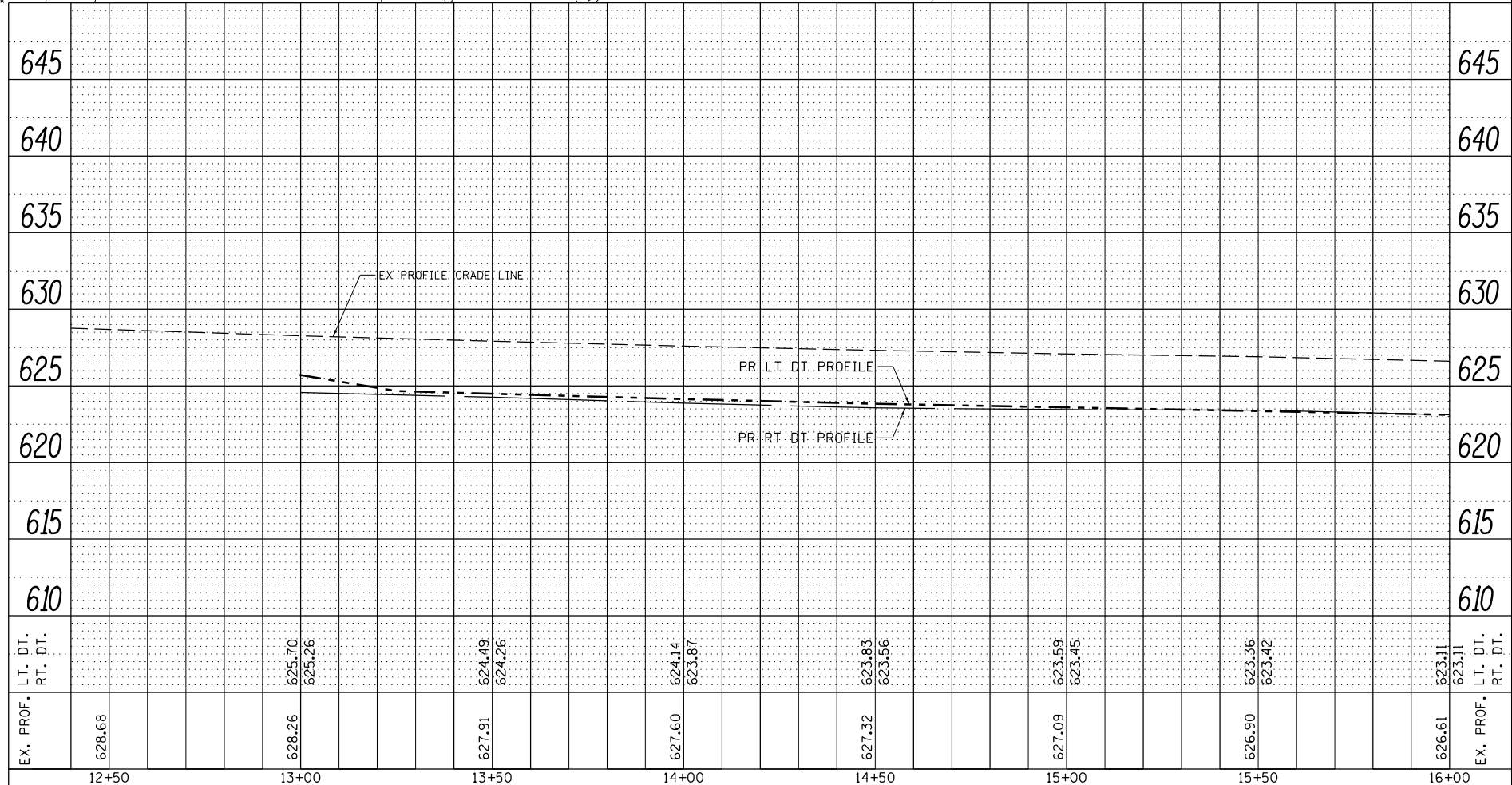
PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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	ADD FILE NAME	

MODEL Default  
FILE NAME: W:\3213 - Kickapoo-Edwards Rd - PH II (Per)B Co\CADD\CADD Sheets\B9735-shp\planr-1.dgn



NOTES:  
SEE CHART ON ENTRANCE DETAILS SHEET FOR ENTRANCE WIDTHS.  
SEE CORRESPONDING NUMBERS ON CULVERT CHART SHEET FOR CULVERT NOTES.

CULVERT CHART											
PIPE CULVERTS, CLASS D, TYPE 1											
#	STA	SIZE (IN)	LENGTH (FT)	USFL				DSFL			
				ELEV	STA	OFFSET (FT)	SIDE	ELEV	STA	OFFSET (FT)	SIDE
1	13+44.4	18	28	624.63	13+31.6	29.5	LT	624.42	13+59.6	29.6	LT
2	14+14.7	18	24	623.88	13+99.1	30.4	RT	623.73	14+23.1	30.2	RT
3	15+20.5	18	34	623.56	15+06.1	30.4	LT	623.41	15+40.1	30.5	LT
4	16+63.0	18	28	622.80	16+50.5	30.8	LT	622.46	16+78.5	30.9	LT
5	18+09.8	18	70	620.60	17+95.1	30.9	LT	619.28	18+65.0	29.2	LT
6	19+84.2	18	58	618.06	19+42.1	28.2	LT	617.17	19+98.2	28.8	LT
8	21+51.0	18	32	616.99	21+73.8	28.2	LT	616.89	21+42.9	27.8	LT
9	21+83.0	30	20	609.61	21+75.5	58.0	RT	609.20	21+91.0	72.2	RT
10	22+40.6	18	34	617.74	22+53.4	28.9	LT	617.34	22+20.6	28.9	LT
11	23+48.3	18	34	619.22	23+48.4	28.2	LT	618.73	23+15.5	28.4	LT
12	24+88.3	18	32	620.82	24+87.5	30.8	LT	620.53	24+55.5	30.4	LT
13	25+93.7	18	26	621.60	25+95.3	31.3	LT	621.46	25+69.3	31.2	LT
14	26+72.4	18	26	621.78	26+72.5	31.4	LT	621.72	26+46.5	31.3	LT
15	27+70.6	18	40	621.90	27+90.4	29.7	RT	621.80	27+50.4	29.5	RT
16	28+77.1	18	32	622.04	28+53.8	30.1	LT	622.00	28+85.5	30.1	LT
17	29+04.7	18	34	621.88	28+87.7	30.0	RT	621.89	29+21.7	30.1	RT
18	29+62.6	18	32	621.76	29+38.4	30.5	LT	621.46	29+70.4	31.0	LT
20	33+00.8	18	38	622.99	33+12.2	29.5	RT	622.35	32+75.7	30.8	RT
21	35+20.7	18	26	623.50	35+39.4	31.2	LT	623.00	35+12.3	32.5	LT
22	36+23.0	18	46	625.16	36+46.8	29.6	LT	624.55	36+00.8	30.1	LT
23	37+19.6	18	28	625.89	37+40.6	29.3	LT	625.63	37+12.6	29.5	LT
24	38+00.0	18	40	626.56	38+20.7	29.3	LT	626.23	37+80.7	29.3	LT
25	39+42.1	18	32	627.66	39+59.0	30.0	LT	627.50	39+27.0	29.8	LT
26	40+15.0	18	70	628.11	40+50.0	30.4	RT	628.11	39+80.0	30.5	RT
28	41+87.2	18	32	628.39	41+96.9	30.5	RT	628.27	41+64.9	30.4	RT
29	42+05.6	18	26	628.42	42+17.8	34.6	LT	628.43	41+91.8	34.7	LT
30	42+71.0	18	28	629.13	42+83.8	30.5	RT	628.83	42+55.8	30.6	RT
31	42+68.1	18	22	628.26	42+78.3	25.0	LT	628.09	42+58.2	30.0	LT
32	42+89.4	18	22	628.45	43+00.2	30.0	LT	628.26	42+78.3	25.0	LT
PIPE CULVERTS, CLASS C, TYPE 2											
7	21+20.1	30	74	615.31	21+02.5	21.2	LT	611.28	21+51.6	34.5	RT
19	31+75.2	18	66	620.49	31+76.3	30.4	RT	613.70	31+74.0	32.8	LT
PIPE CULVERTS, CLASS C, TYPE 1											
27	40+87.5	24	60	627.89	40+87.1	30.0	RT	625.89	40+88.0	30.0	LT



USER NAME = Shughes	DESIGNED - RMB	REVISED -
	DRAWN - SRH	REVISED -
PLOT SCALE = 40,0000' / In.	CHECKED - WSL	REVISED -
PLOT DATE = 10/10/2018	DATE - 9-14-18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

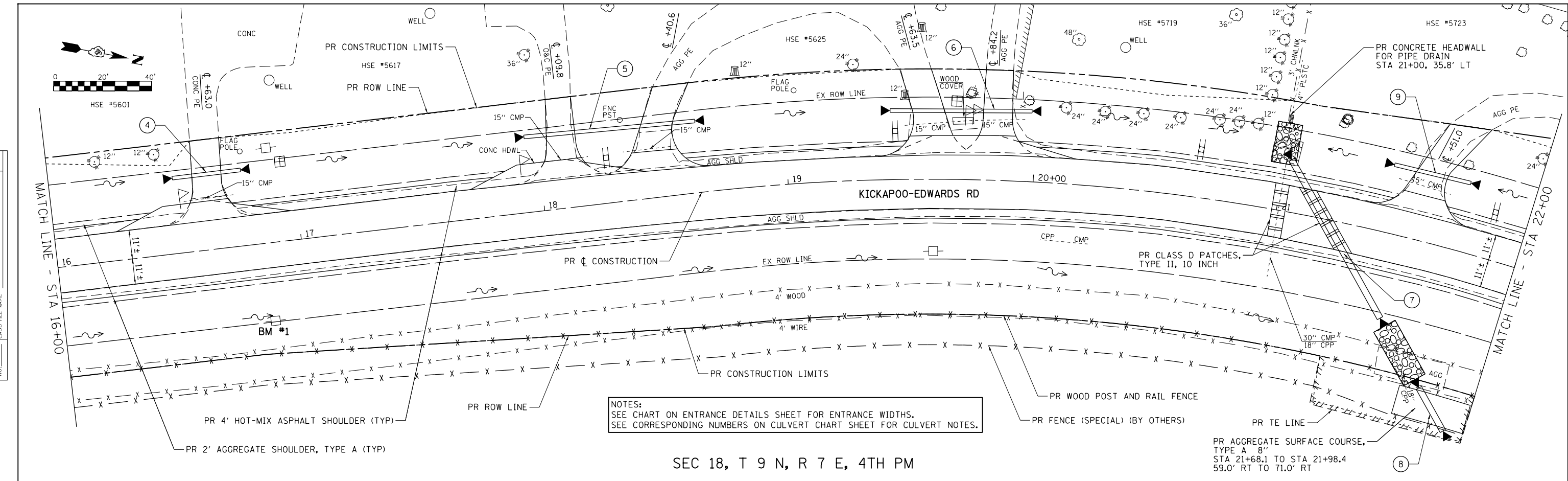
KICKAPOO-EDWARDS RD  
PLAN & PROFILE

SCALE: H=20 V=5 SHEET 1 OF 6 SHEETS STA. 10+00 TO STA. 16+00

F.A.S. RTE. 386	SECTION 16-00054-00-5P	COUNTY PEORIA	TOTAL SHEETS 49	SHEET NO. 14
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

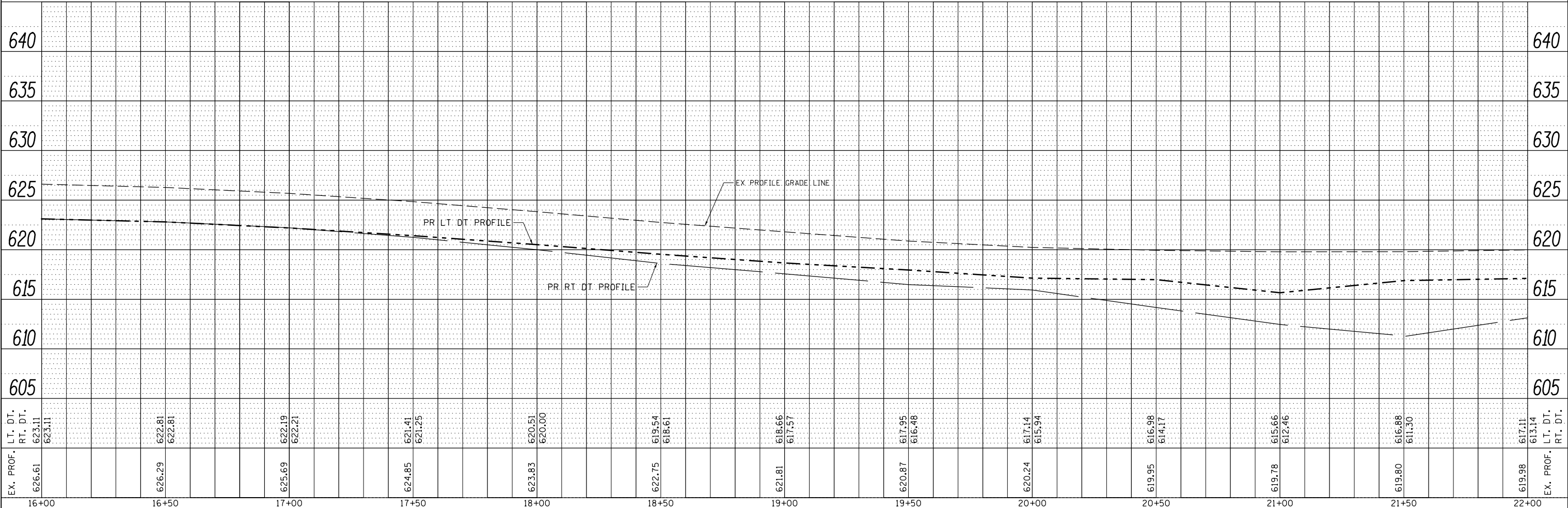
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BY	
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	CHECKED
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DATE	
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PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS
	NO.



NOTES:  
 SEE CHART ON ENTRANCE DETAILS SHEET FOR ENTRANCE WIDTHS.  
 SEE CORRESPONDING NUMBERS ON CULVERT CHART SHEET FOR CULVERT NOTES.

SEC 18, T 9 N, R 7 E, 4TH PM



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DRAWN	- SRH
CHECKED	- WSL
DATE	- 9-14-18

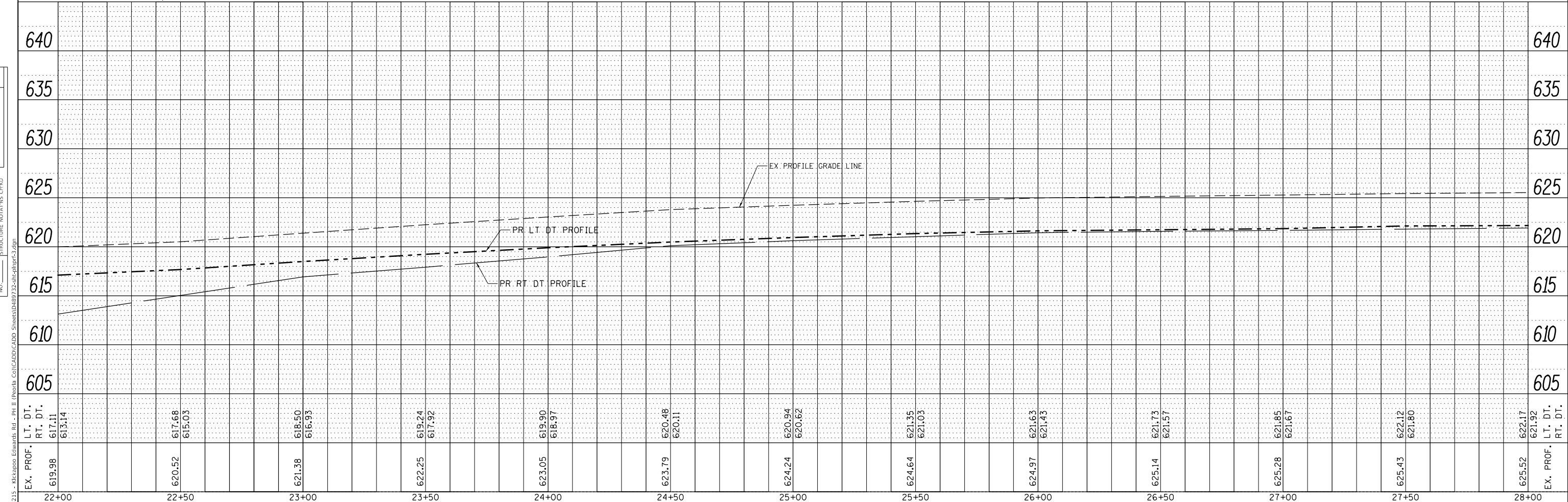
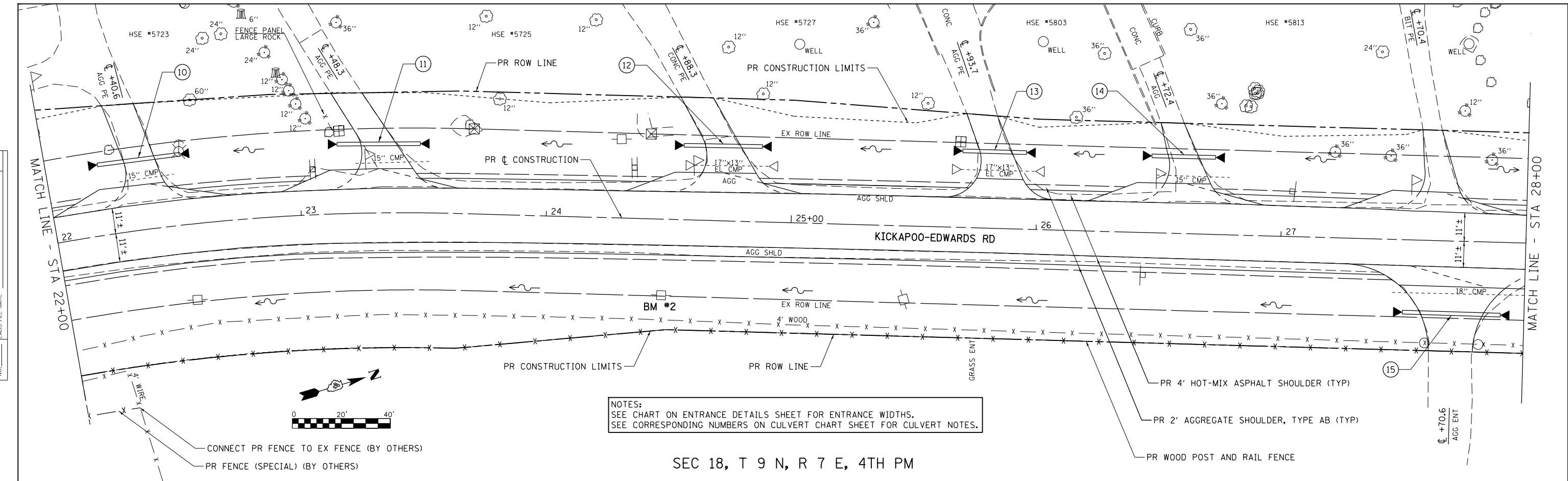
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

KICKAPOO-EDWARDS RD PLAN & PROFILE	
SCALE: H=20 V=5	SHEET 2 OF 6 SHEETS
STA. 16+00	TO STA. 22+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	15
				CONTRACT NO. 89732
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK NO.
	CADD FILE NAME

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK NO.
	STRUCTURE NOTATIONS SHEET

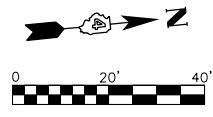
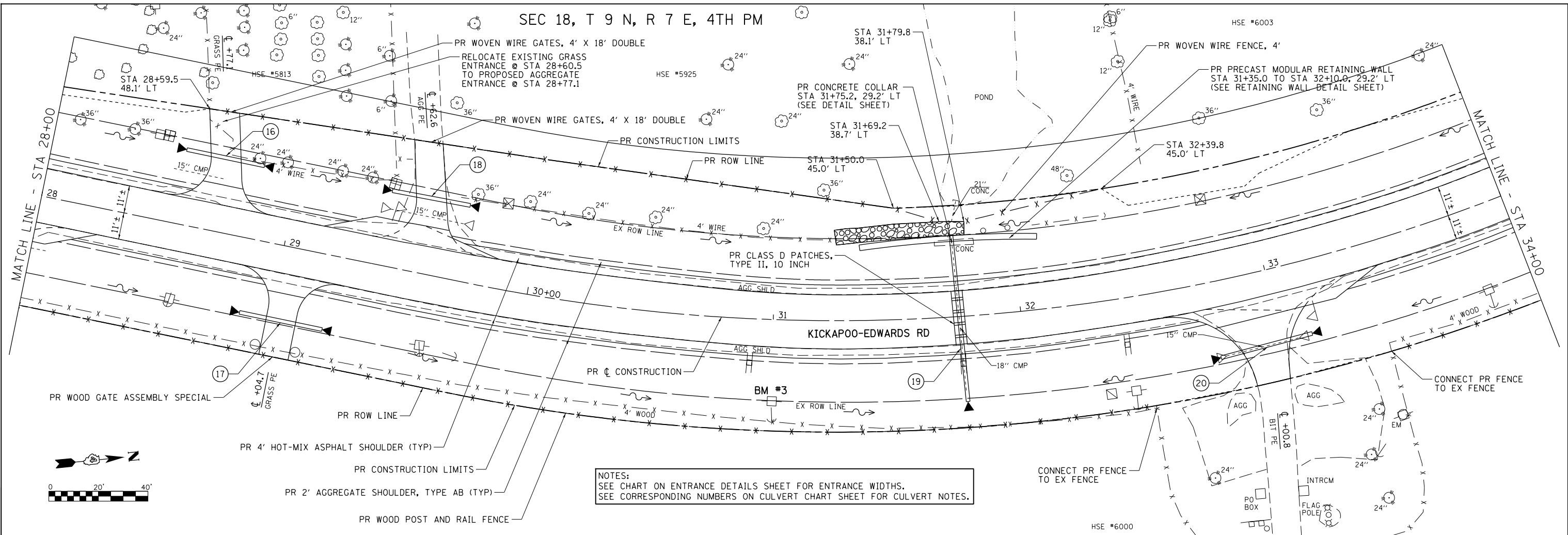


USER NAME = Shughes	DESIGNED - RMB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>KICKAPOO-EDWARDS RD</b> <b>PLAN &amp; PROFILE</b>	F.A.S. RTE. 386	SECTION 16-00054-00-5P	COUNTY PEORIA	TOTAL SHEETS 49	SHEET NO. 16
PLOT SCALE = 40,0000' / In.	CHECKED - WSL	REVISED -			CONTRACT NO. 89732				
PLOT DATE = 10/10/2018	DATE - 9-14-18	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: H=20 V=5					SHEET 3 OF 6 SHEETS STA. 22+00 TO STA. 28+00				



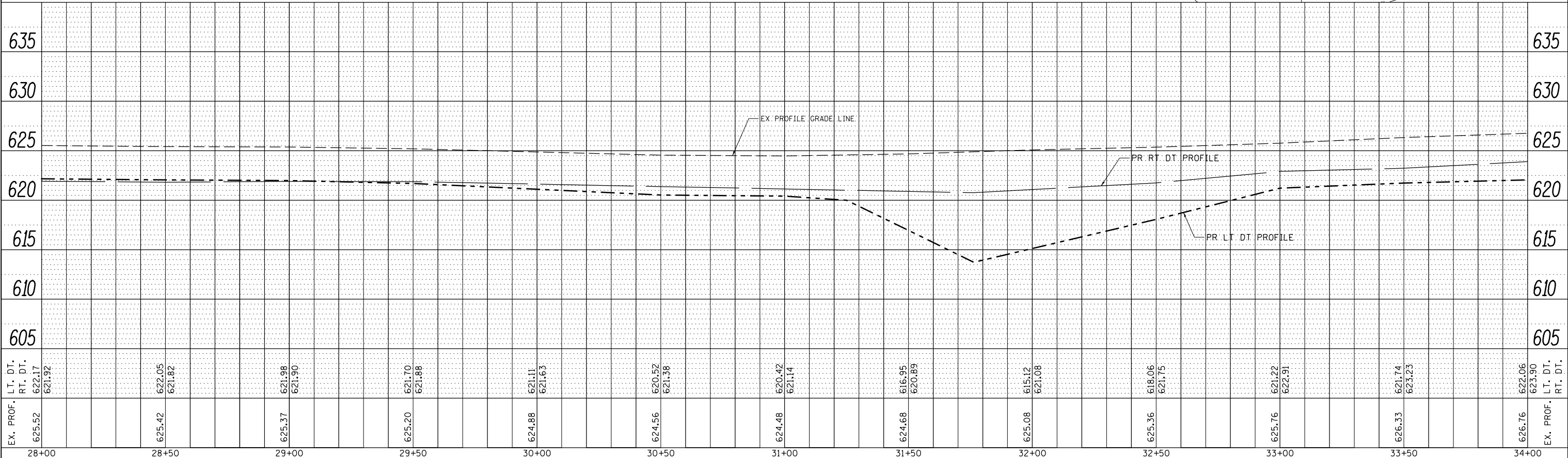
SEC 18, T 9 N, R 7 E, 4TH PM

DATE	
BY	
PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED NOTE BOOK NO. _____ CADD FILE NAME _____



NOTES:  
SEE CHART ON ENTRANCE DETAILS SHEET FOR ENTRANCE WIDTHS.  
SEE CORRESPONDING NUMBERS ON CULVERT CHART SHEET FOR CULVERT NOTES.

DATE	
BY	
PROFILE	SURVEYED PLOTTED GRADES CHECKED NOTE BOOK NO. _____ STRUCTURE NOTATION SHEET NO. _____



EX. PROF.	625.52	625.42	625.37	625.20	624.88	624.56	624.48	624.68	625.08	625.36	625.76	626.33	626.76
L.T. DT.	622.17	622.05	621.98	621.70	621.11	620.52	620.42	616.95	615.12	618.06	621.22	621.74	622.06
R.T. DT.	621.92	621.82	621.90	621.88	621.63	621.38	621.14	620.89	621.08	621.75	622.91	623.23	623.90
STATION	28+00	28+50	29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50	34+00

USER NAME =	SHughes	DESIGNED -	RMB	REVISED -	
		DRAWN -	SRH	REVISED -	
PLOT SCALE =	40,0000' / in.	CHECKED -	WSL	REVISED -	
PLOT DATE =	11/9/2018	DATE -	9-15-18	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

KICKAPOO-EDWARDS RD  
PLAN & PROFILE

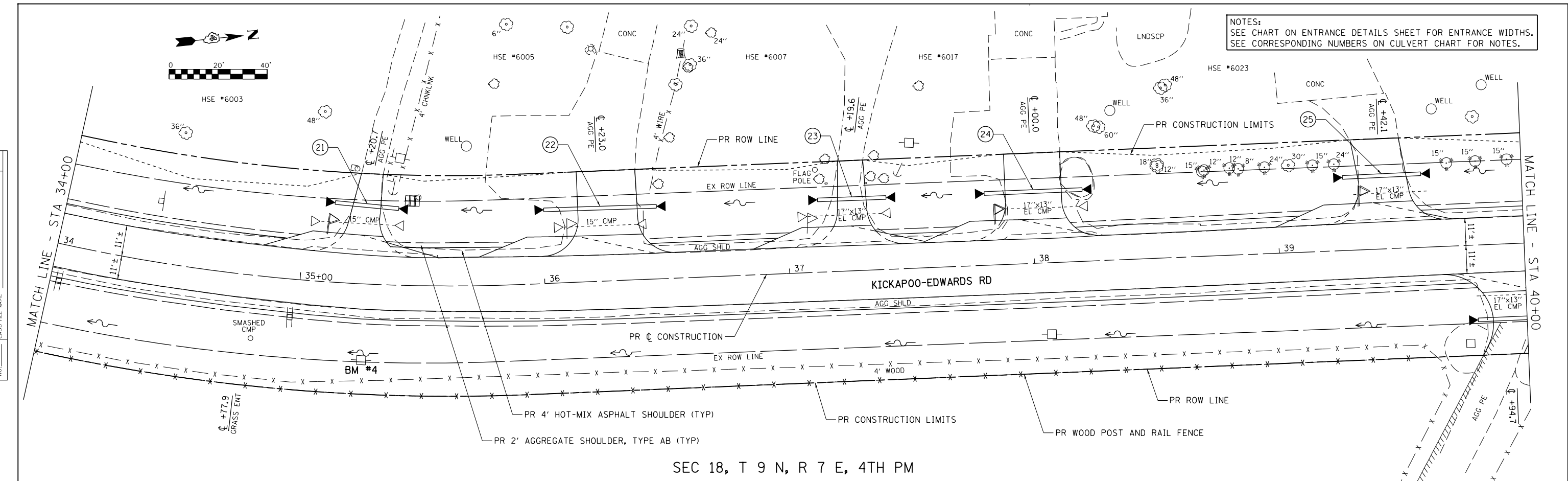
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	17
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

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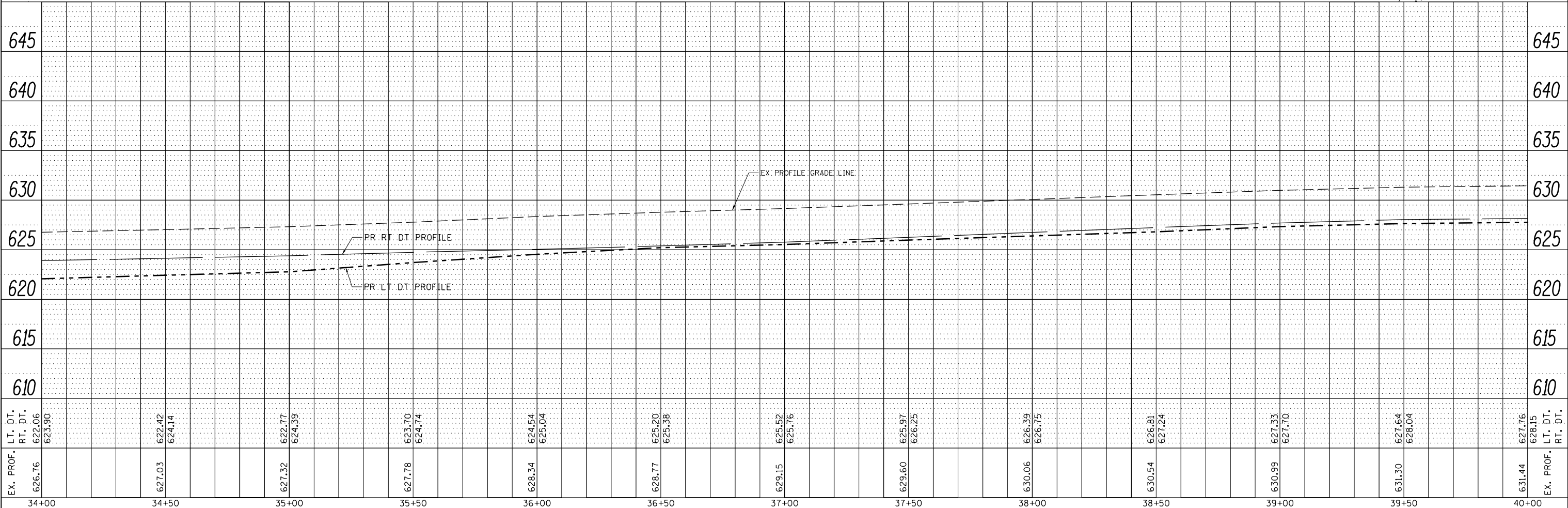
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	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO.	
	STRUCTURE	
	NOTATION	



NOTES:  
SEE CHART ON ENTRANCE DETAILS SHEET FOR ENTRANCE WIDTHS.  
SEE CORRESPONDING NUMBERS ON CULVERT CHART FOR NOTES.

SEC 18, T 9 N, R 7 E, 4TH PM



EX. PROF.	626.76	627.03	627.32	627.78	628.34	628.77	629.15	629.60	630.06	630.54	630.99	631.30	631.44
L.T. DT.		622.42	622.77	623.70	624.54	625.20	625.52	625.97	626.39	626.81	627.33	627.64	627.76
R.T. DT.	622.06	624.14	624.39	624.74	625.04	625.38	625.76	626.25	626.75	627.24	627.70	628.04	628.15
	623.90												

USER NAME	= Shughes
DESIGNED	- RMB
DRAWN	- SRH
CHECKED	- WSL
DATE	- 9-15-18

REVISIED	-
REVISIED	-
REVISIED	-
REVISIED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

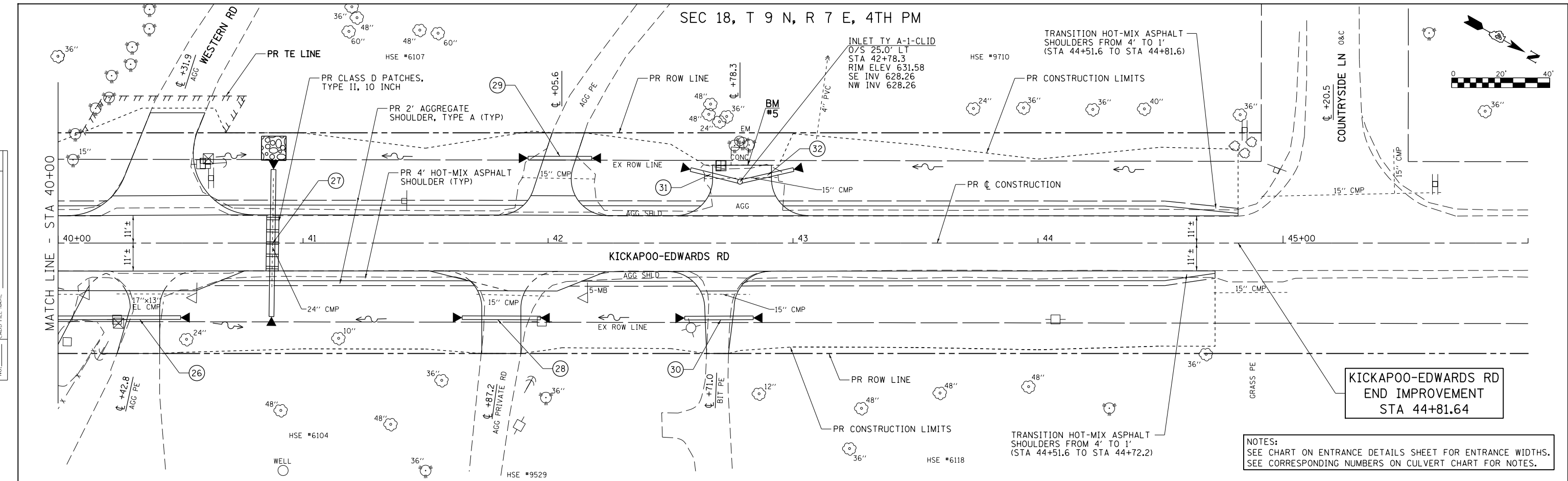
KICKAPOO-EDWARDS RD  
PLAN & PROFILE  
SCALE: H=20 V=5 SHEET 5 OF 6 SHEETS STA. 34+00 TO STA. 40+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	18
CONTRACT NO. 89732				
ILLINOIS				FED. AID PROJECT

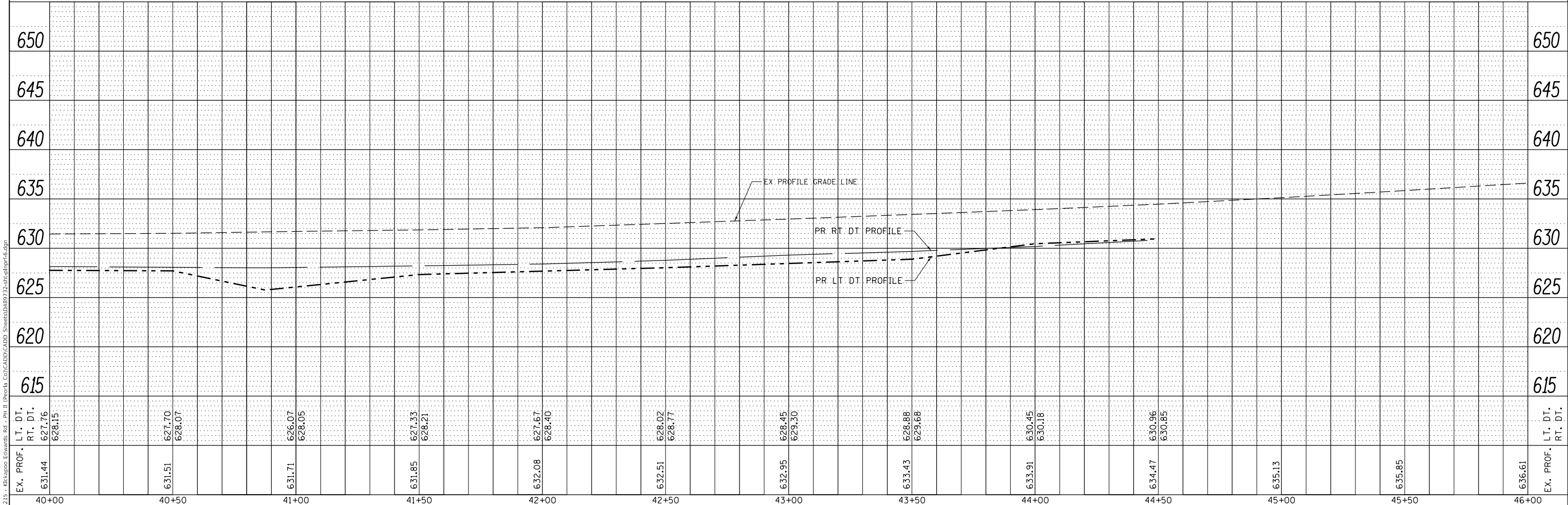
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	NOTE BOOK	
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	CADD FILE NAME	
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PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
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	NO.	



NOTES:  
SEE CHART ON ENTRANCE DETAILS SHEET FOR ENTRANCE WIDTHS.  
SEE CORRESPONDING NUMBERS ON CULVERT CHART FOR NOTES.



EX. PROF.	631.44	631.51	631.71	631.85	632.08	632.51	632.95	633.43	633.91	634.47	635.13	635.85	636.61	EX. PROF.
L.T. DT.	627.76	627.70	626.07	627.33	627.67	628.02	628.45	628.88	630.45	630.96				L.T. DT.
R.T. DT.	628.15	628.07	628.05	628.21	628.40	628.77	629.30	629.68	630.18	630.85				R.T. DT.
	40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00	44+50	45+00	45+50	46+00	

USER NAME	= Shughes
DESIGNED	- RMB
DRAWN	- SRH
CHECKED	- WSL
DATE	- 9-15-18

REVISIED	-
REVISIED	-
REVISIED	-
REVISIED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

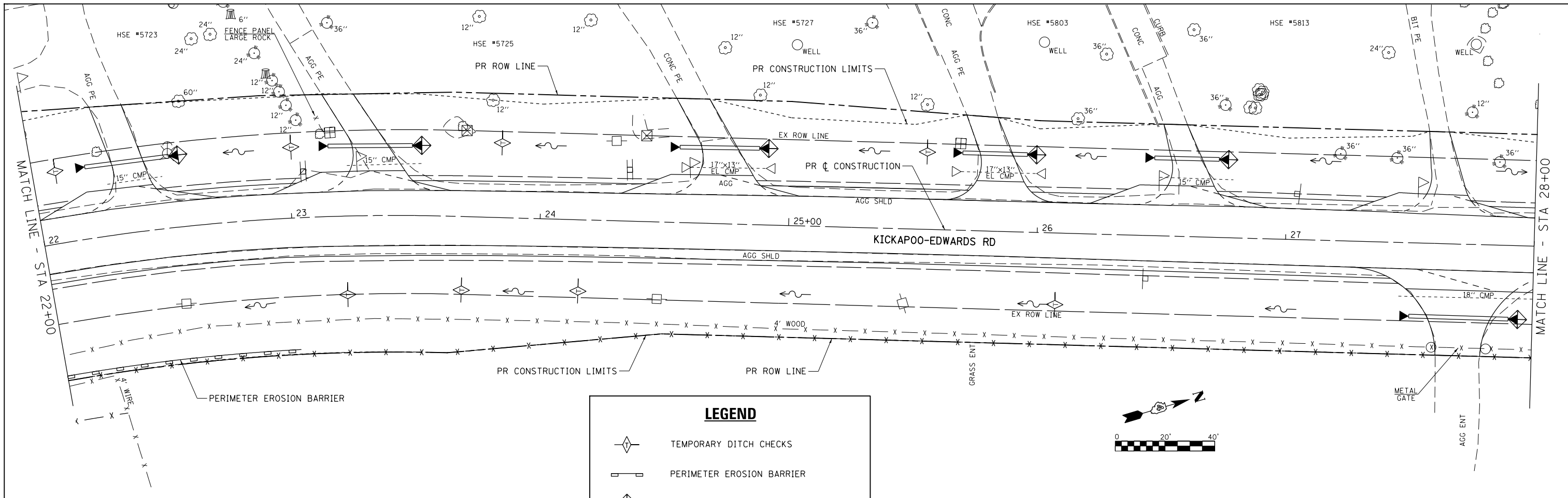
KICKAPOO-EDWARDS RD  
PLAN & PROFILE

SCALE: H=20 V=5 SHEET 6 OF 6 SHEETS STA. 40+00 TO STA. 46+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	19
				CONTRACT NO. 89732
		ILLINOIS	FED. AID PROJECT	

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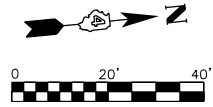
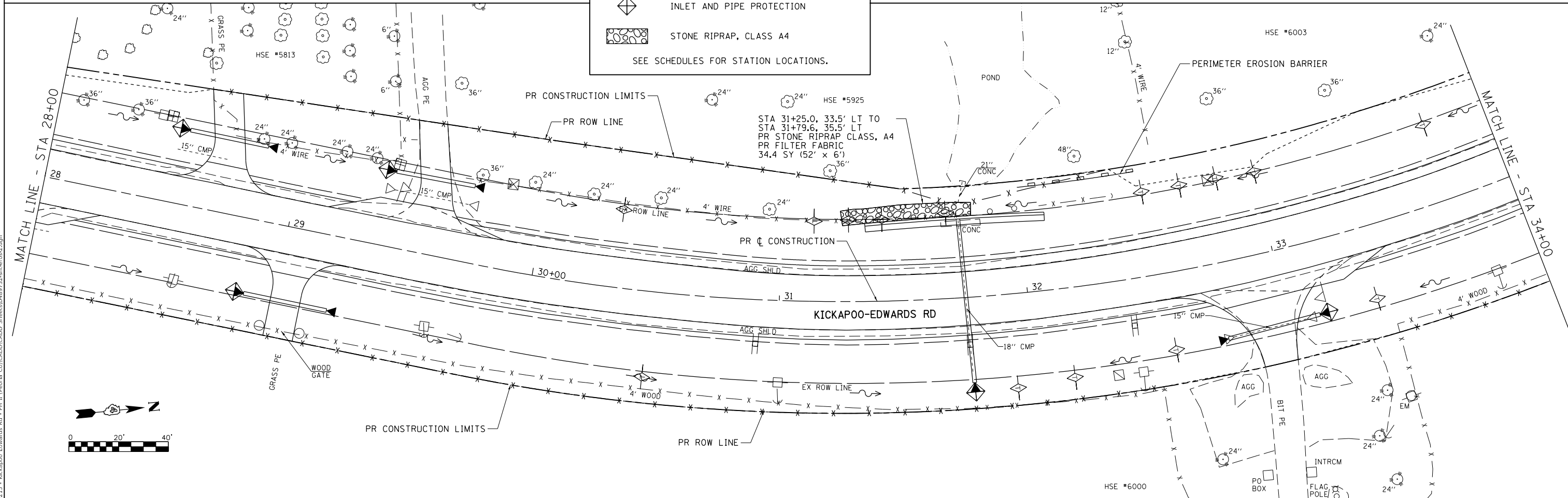
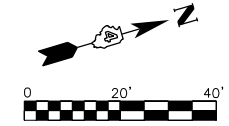




**LEGEND**

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STONE RIPRAP, CLASS A4

SEE SCHEDULES FOR STATION LOCATIONS.



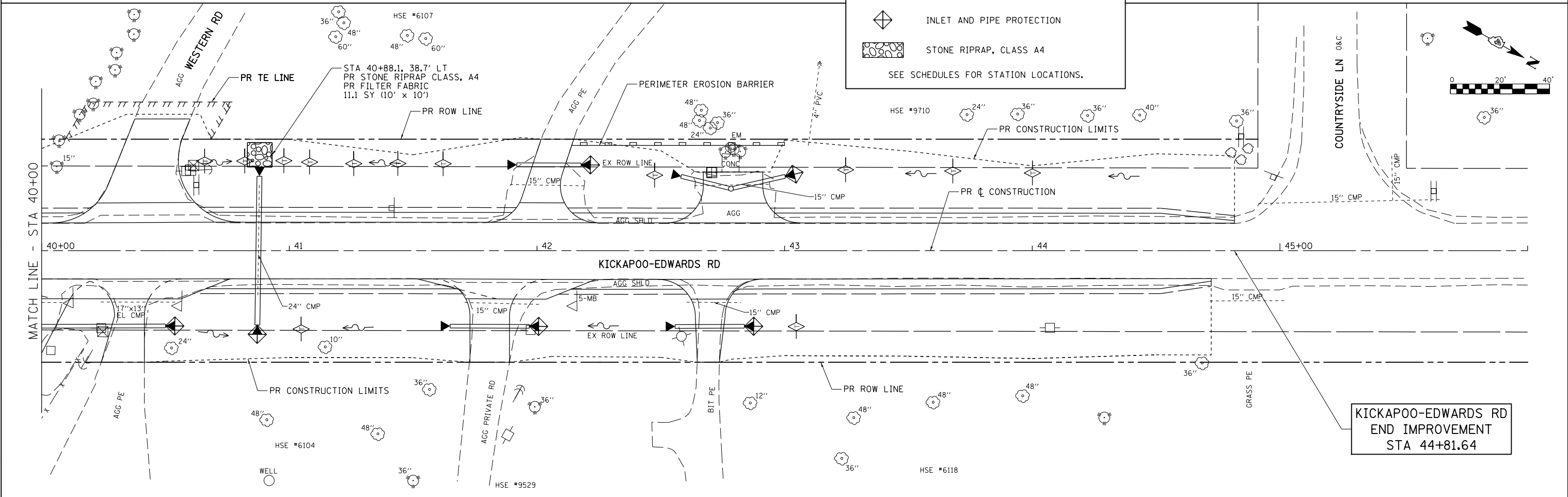
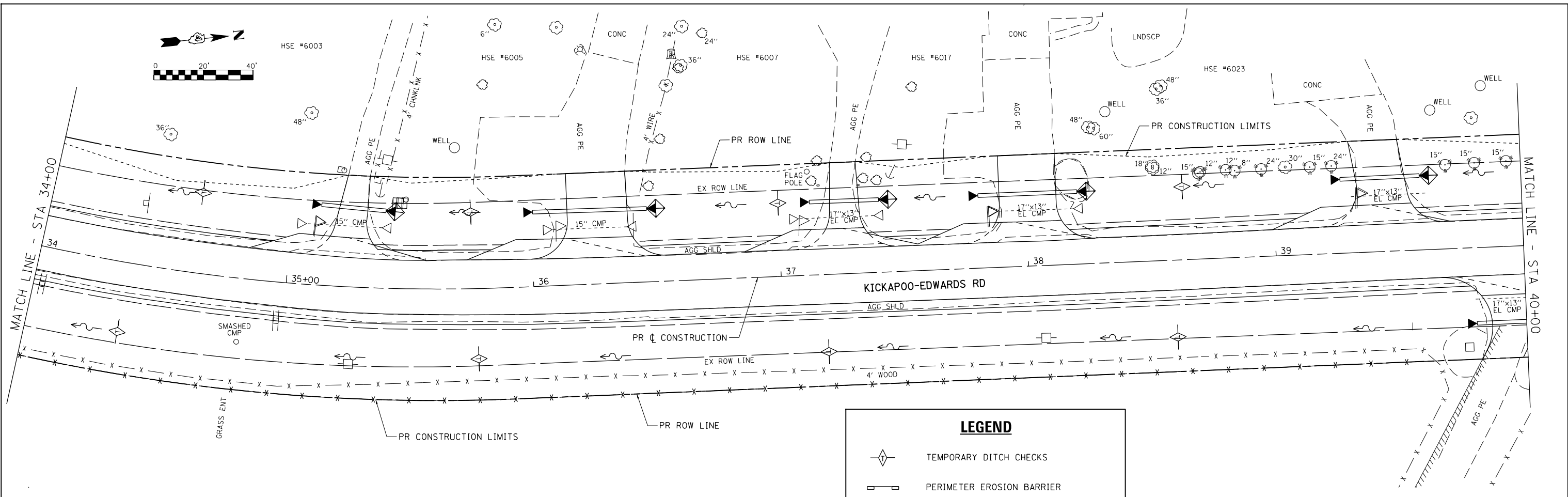
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	DRAWN - SRG	REVISED -
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PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>KICKAPOO-EDWARDS RD EROSION CONTROL PLAN</b>		
SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 22+00 TO STA. 34+00

F.A.S. RTE. 386	SECTION 16-00054-00-5P	COUNTY PEORIA	TOTAL SHEETS 49	SHEET NO. 21
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STONE RIPRAP, CLASS A4

SEE SCHEDULES FOR STATION LOCATIONS.

**KICKAPOO-EDWARDS RD  
END IMPROVEMENT  
STA 44+81.64**

MODEL Default  
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	DRAWN - SRH	REVISED -
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PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
EROSION CONTROL PLAN**

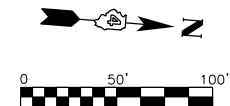
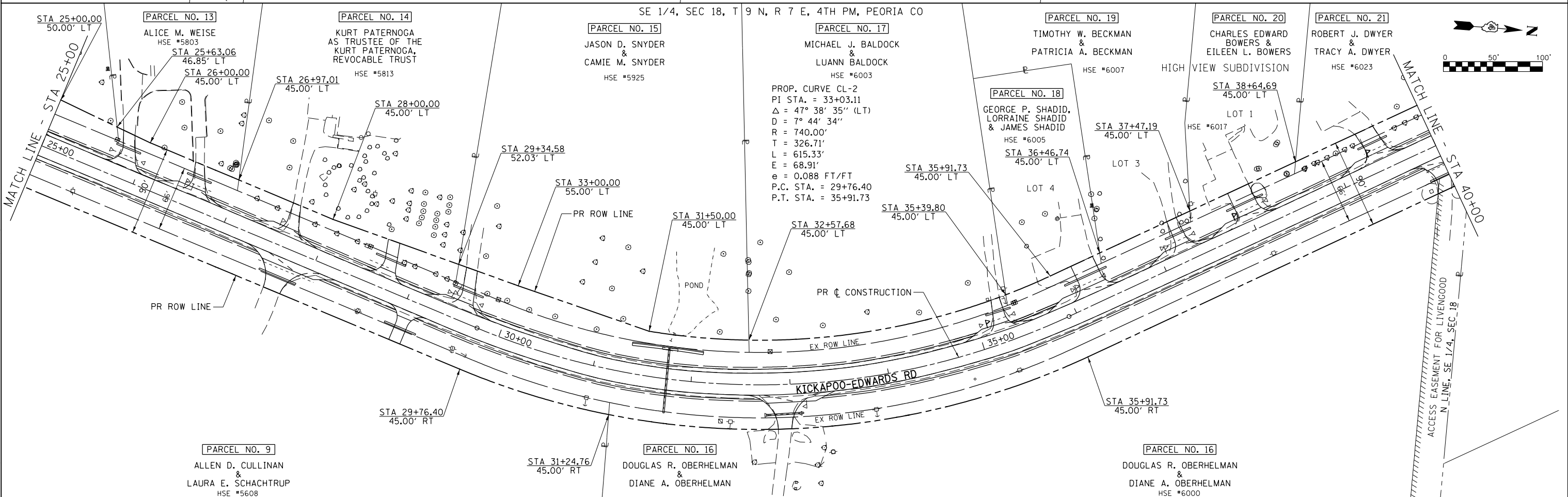
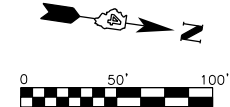
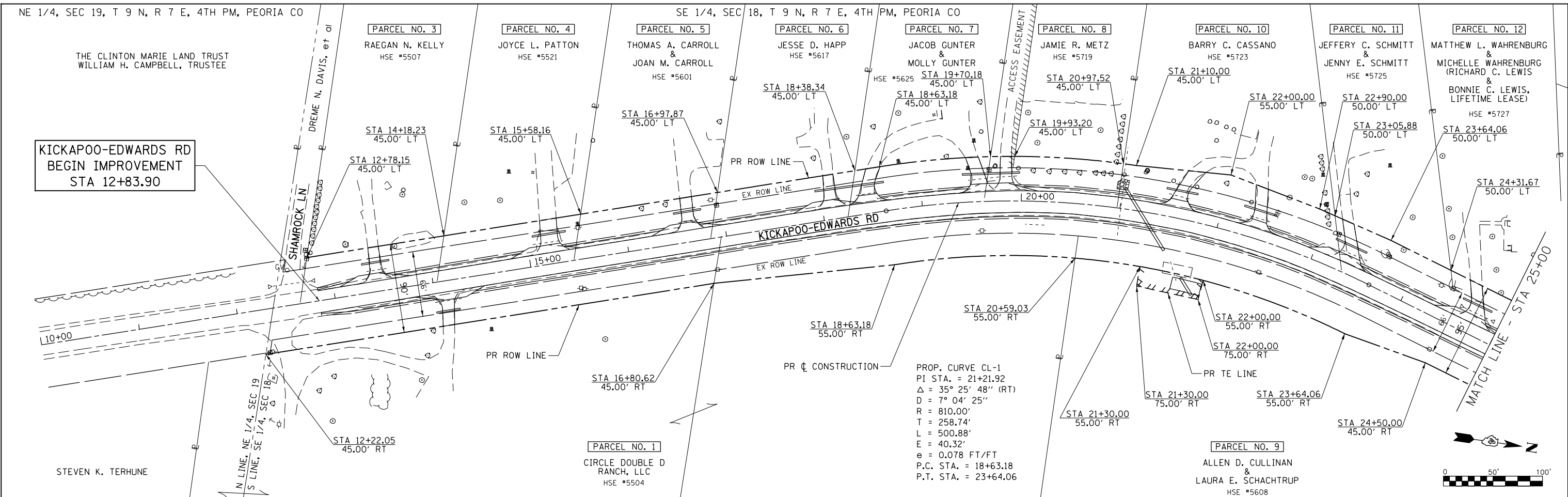
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	22
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

NE 1/4, SEC 19, T 9 N, R 7 E, 4TH PM, PEORIA CO

SE 1/4, SEC 18, T 9 N, R 7 E, 4TH PM, PEORIA CO

KICKAPOO-EDWARDS RD  
BEGIN IMPROVEMENT  
STA 12+83.90



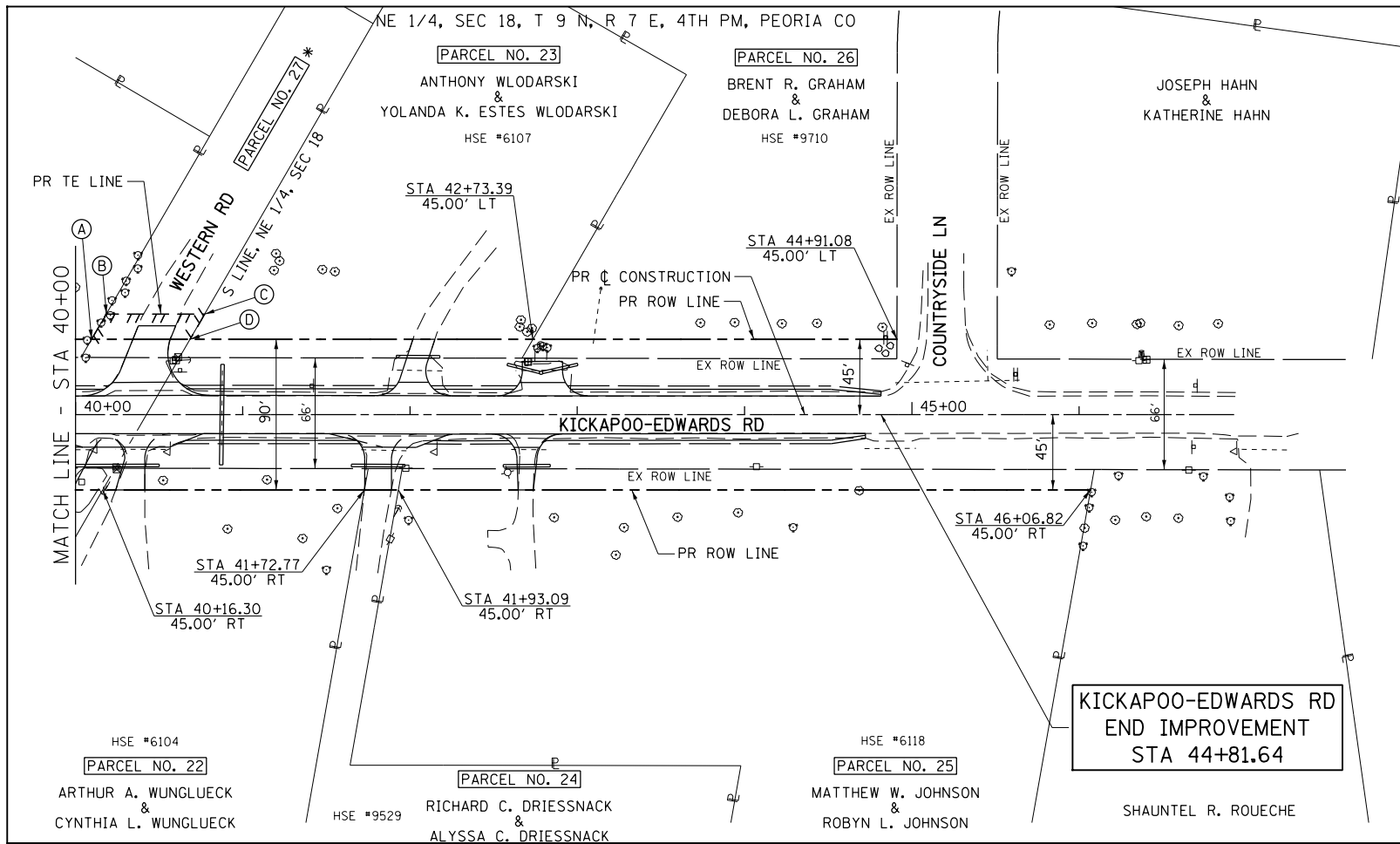
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

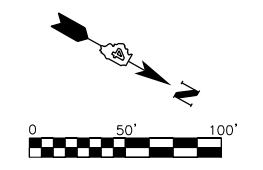
KICKAPOO-EDWARDS RD  
RIGHT-OF-WAY PLAN  
SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 10+00 TO STA. 40+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	23
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				



- (A) STA 40+09.56  
45.00' LT
- (B) STA 40+18.29  
60.00' LT
- (C) STA 40+77.21  
60.00' LT
- (D) STA 40+68.51  
45.00' LT

PARCEL NO. 27 \*  
 JAMES F. GIBSON & DANI M. GIBSON  
 DENNY HERRON  
 DONALD L. THOMPSON & RUTHANNE THOMPSON  
 JOHN M. THOMPSON & JANET L. THOMPSON  
 ROBERT D. WEBER



KICKAPOO-EDWARDS RD  
 END IMPROVEMENT  
 STA 44+81.64

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USER NAME = SHughes	DESIGNED - RMB	REVISED -
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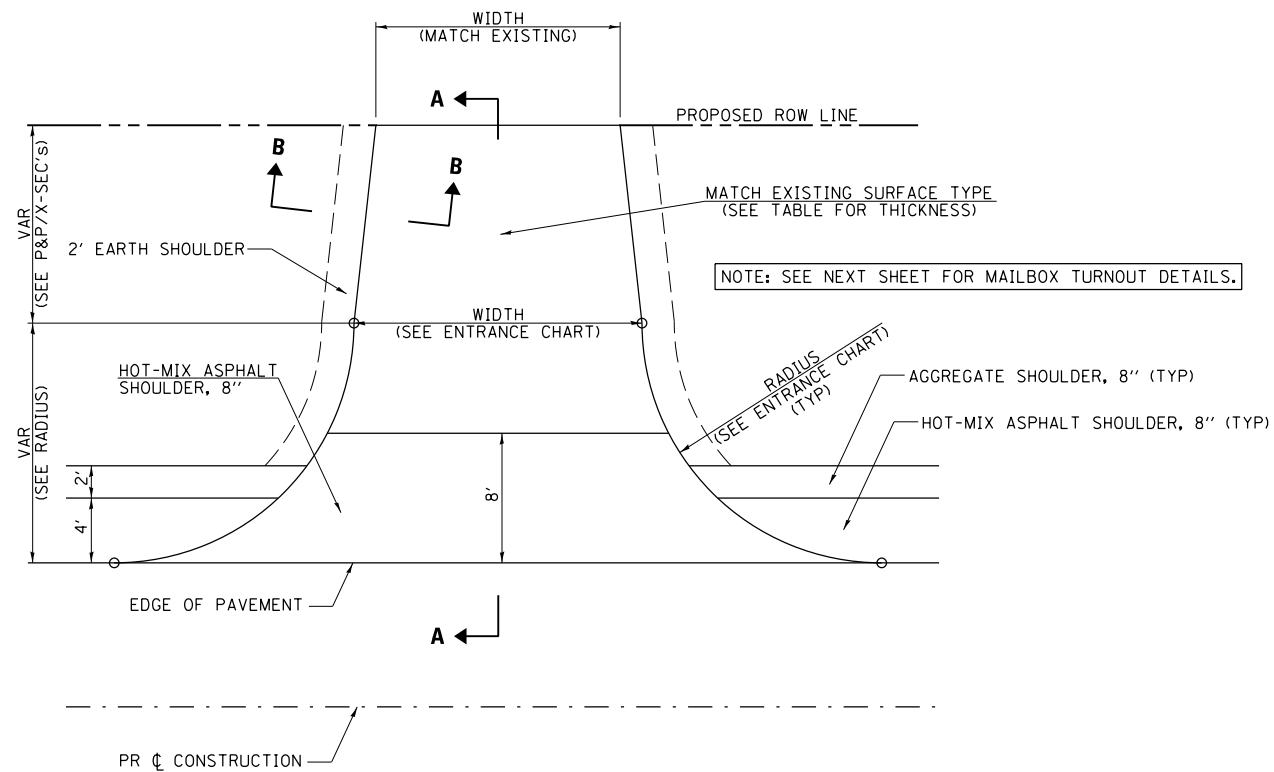
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 RIGHT-OF-WAY PLAN**

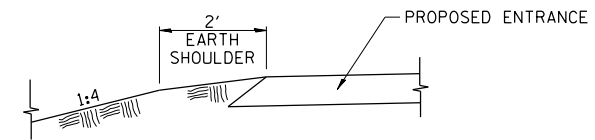
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	24
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				





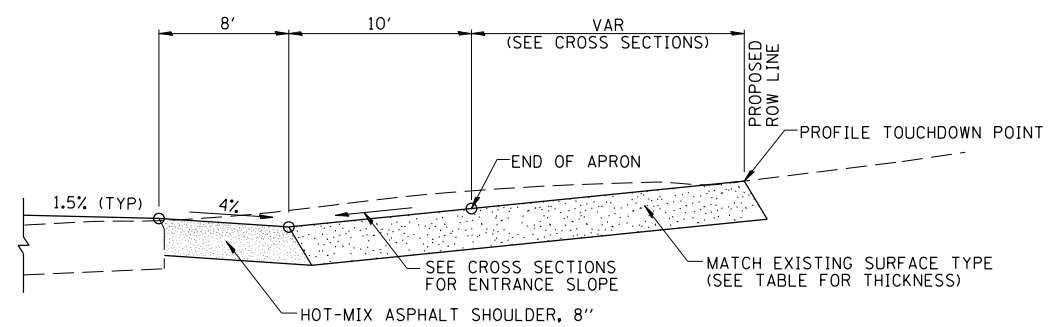
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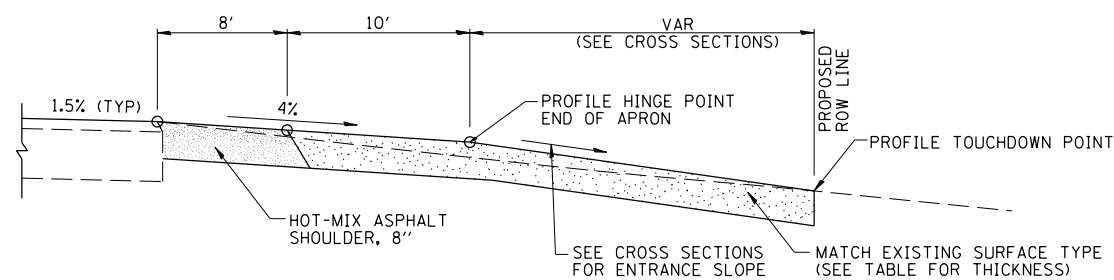
SECTION B-B  
SHOULDER TREATMENT FOR ENTRANCES

GENERAL NOTES

- ENTRANCES SHALL SLOPE AWAY FROM THE PAVEMENT AT A RATE EQUAL TO THE SHOULDER SLOPE FOR A MINIMUM DISTANCE OF 8'.
- A MINIMUM 8' PAVED SHOULDER SHALL BE CONSTRUCTED BETWEEN LOCATIONS WHERE THE RURAL ENTRANCE IS LESS THAN 50' FROM AN ADJACENT SIDE ROAD, ENTRANCE OR MAILBOX TURNOUT.
- A TAPER RATE OF 5:1 IS DESIRABLE WHEN TRANSITIONING FROM THE RURAL ENTRANCE WIDTH SHOWN IN TABLE, TO THE EXISTING ENTRANCE WIDTH.



SECTION A-A  
EXISTING ENTRANCE HIGHER THAN APRON



SECTION A-A  
EXISTING ENTRANCE LOWER THAN APRON

ENTRANCE CHART				
STA	SIDE	TYPE	WIDTH	RADIUS
13+44.4	LT	HMA	12'	15'
14+14.7	RT	AGG	12'	15'
15+20.5	LT	AGG	17'	15'
16+63.0	LT	CONC	12'	15'
18+09.8	LT	HMA	12'	15'
18+40.6	LT	AGG	12'	15'
19+63.5	LT	AGG	12.5'	15'
19+84.2	LT	AGG	12'	15'
21+51.0	LT	AGG	12'	15'
22+40.6	LT	AGG	12.5'	15'
23+48.3	LT	AGG	12'	15'
24+88.3	LT	CONC	12'	15'
25+93.7	LT	AGG	12'	15'
26+72.4	LT	AGG	12'	15'
27+70.4	LT	HMA	12'	15'
27+70.6	RT	HMA	18'	35'
28+77.1	LT	AGG	12'	15'
29+04.7	RT	AGG	12'	15'
29+62.6	LT	AGG	12'	15'
33+00.8	RT	HMA	13.5'	35'
35+20.7	LT	AGG	12'	15'
36+23.0	LT	AGG	24'	15'
37+19.6	LT	AGG	12'	15'
38+00.0	LT	AGG	19.5'	15'
39+42.1	LT	AGG	19.5'	15'
39+94.7	RT	AGG	14.5'	20' (RT)
40+31.9	LT	AGG	20.5'	25'
40+42.8	RT	AGG	12'	15'
41+87.2	RT	AGG	16'	15'
42+05.6	LT	AGG	12.5'	15'
42+71.0	RT	HMA	12'	15'
42+78.3	LT	AGG	24'	15'

EXISTING TYPE	PROPOSED TABLE	
	ELEMENT	
	MIN WIDTH	12'
	MAX GRADE	12%
	SURFACE TYPE	
HMA	INCIDENTAL HOT-MIX ASPHALT SURFACING	3"
	AGGREGATE BASE COURSE, TYPE A	6"
AGG	AGGREGATE SURFACE COURSE, TYPE A	8"
PCC	PCC DRIVEWAY PAVEMENT	6"

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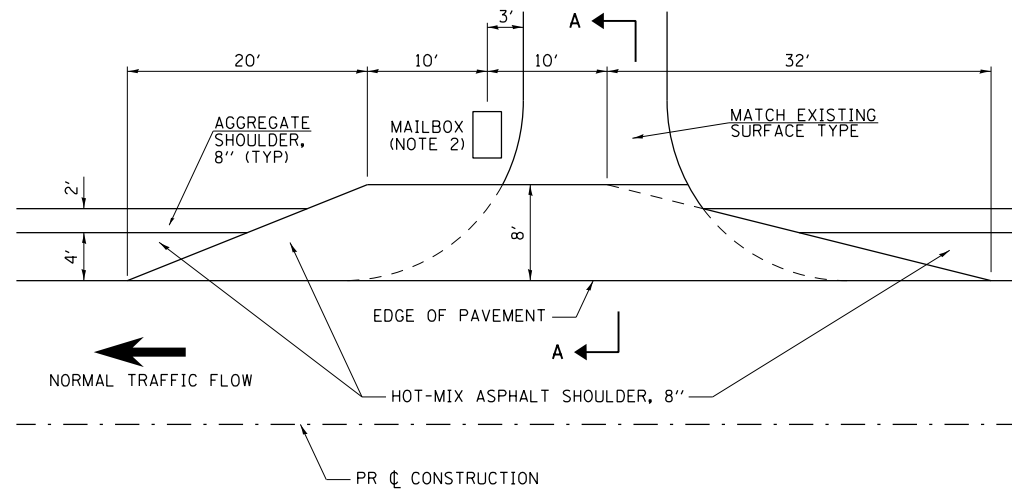
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	DRAWN - SRH	REVISED -
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PLOT DATE = 10/10/2018	DATE - 9-17-18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

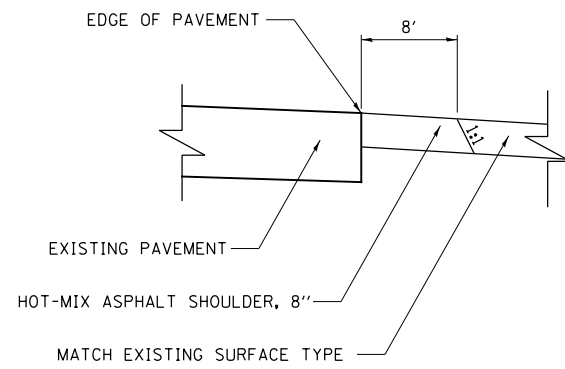
KICKAPOO-EDWARDS RD  
ENTRANCE DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	25
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				



**PLAN  
(MAILBOX ON FAR SIDE OF ENTRANCE)**



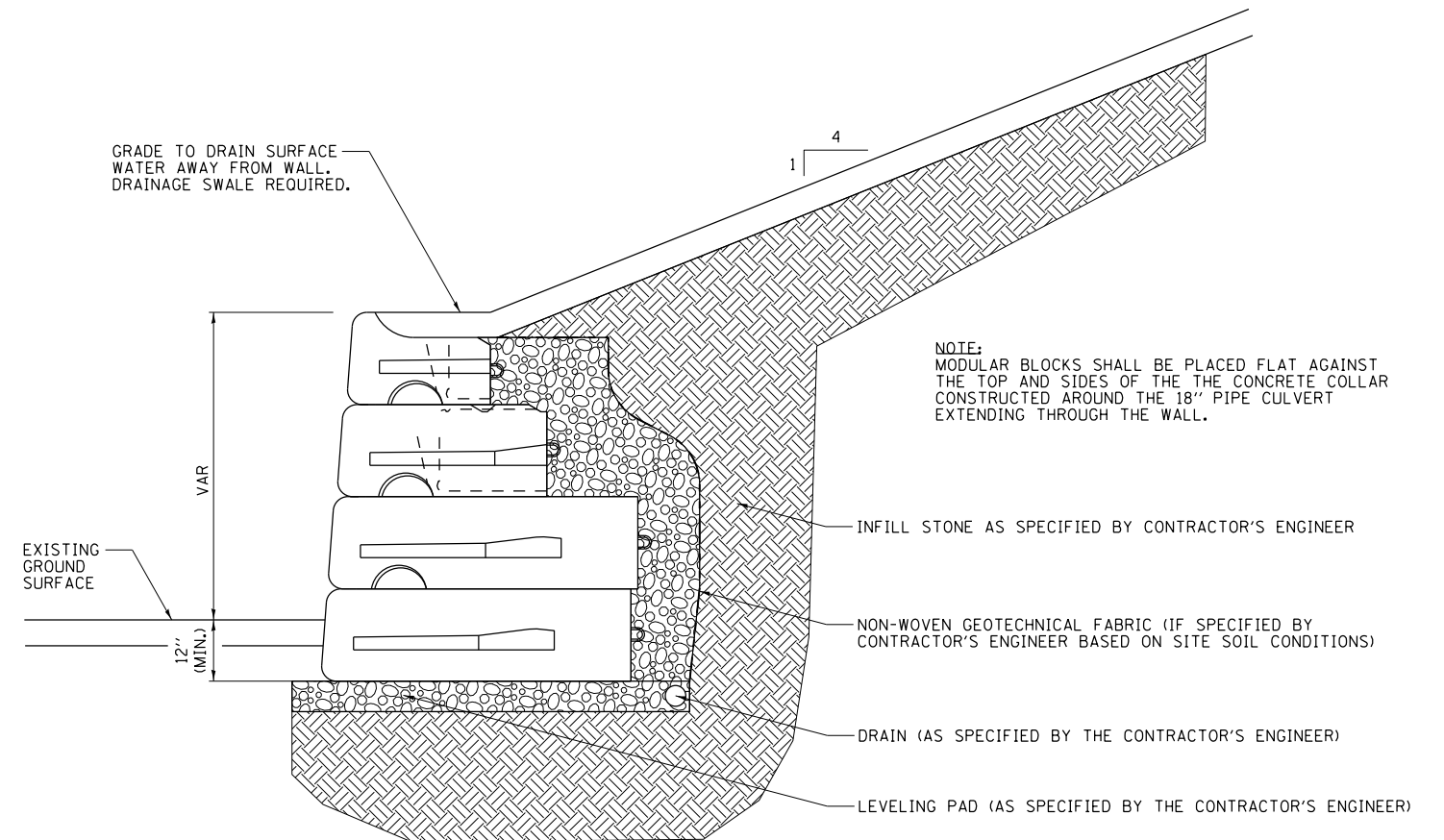
**SECTION A-A**

**GENERAL NOTES**

1. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
2. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" TO 12" AND THE POST A MINIMUM OF 24" FROM THE EDGE OF THE TURNOUT SURFACING.

**MAILBOX TURNOUT DETAILS**

PRECAST MODULAR RETAINING WALL DATA						
STATION	OFFSET (FRONT FACE OF BOTTOM BLOCK)	TOP OF EXPOSED MODULE LINE	FINISHED GROUND SURFACE AT FACE OF WALL	HEIGHT OF WALL (EXPOSED)	HEIGHT OF WALL (TOTAL)	PAY LIMITS (SQ FT)
31+35.00	30.5' LT	620.67	619.48	1.19'	2.19'	44.7
31+50.00	32.0' LT	620.41	617.64	2.77'	3.77'	145.8
31+75.2	32.8' LT	620.50	613.70	6.80'	7.80'	137.3
32+00.00	31.6' LT	620.85	618.58	2.27'	3.27'	29.3
32+10.00	30.6' LT	621.13	619.54	1.59'	2.59'	
<b>TOTAL</b>						<b>357</b>



NOTE:  
MODULAR BLOCKS SHALL BE PLACED FLAT AGAINST THE TOP AND SIDES OF THE THE CONCRETE COLLAR CONSTRUCTED AROUND THE 18" PIPE CULVERT EXTENDING THROUGH THE WALL.

**PRECAST MODULAR RETAINING WALL DETAIL**

STA 31+35.0 TO STA 32+10.0 (28' TO 29.4' LT)

MODEL: D:\m\11... FILE: MAILBOX TURNOUT.dwg - PH II (Project) Co:\CADD\CADD\_S\m\11\89732-ph-ii-detailed.dwg

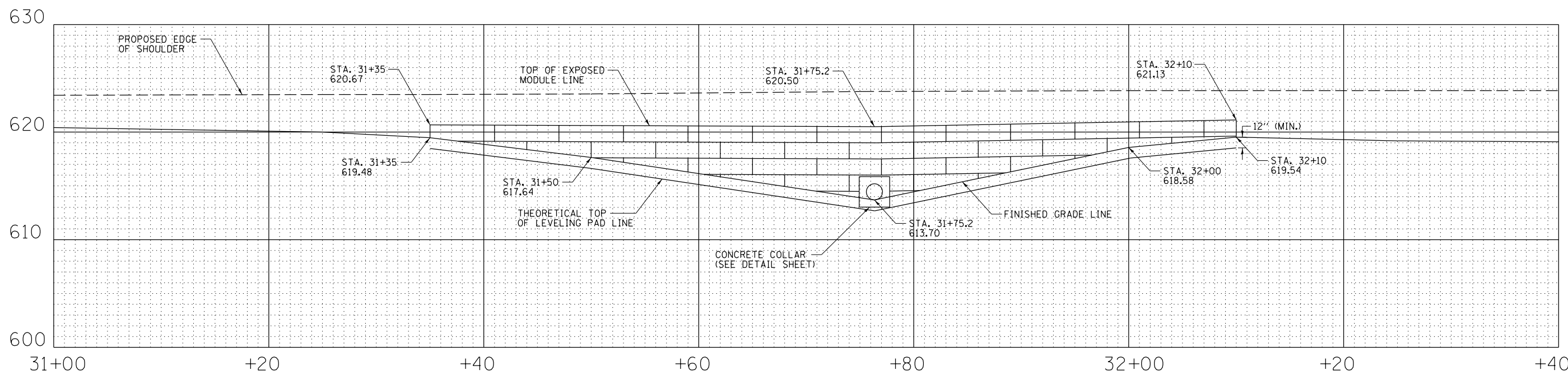
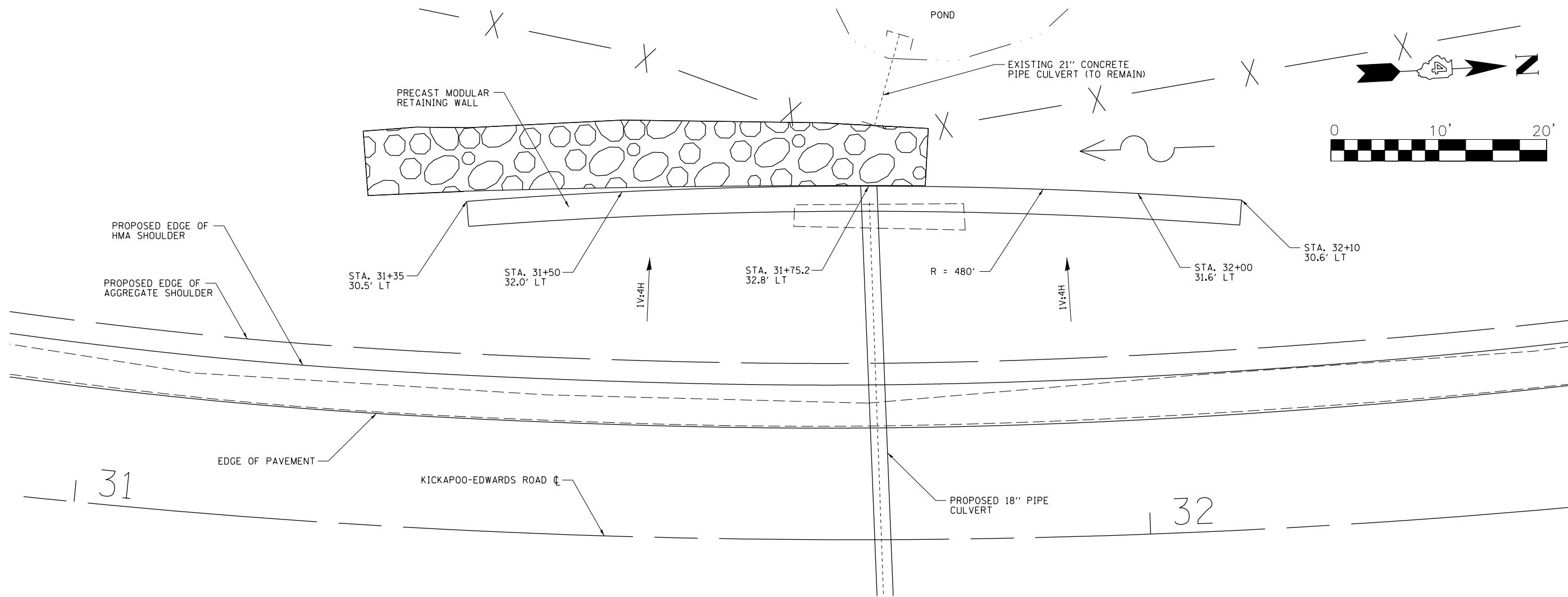
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
MAILBOX TURNOUT & RETAINING WALL DETAILS**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	26
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				



**PRECAST MODULAR RETAINING WALL PROFILE**

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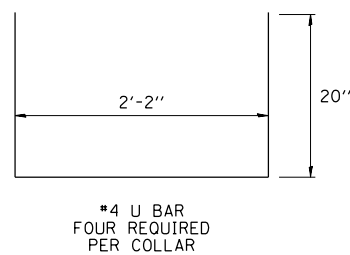
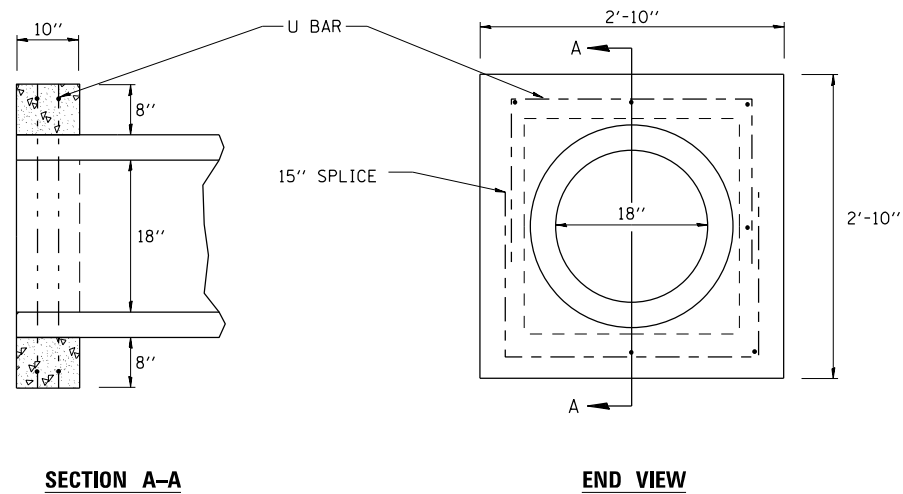
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PLOT DATE = 11/8/2018	DATE - 10-1-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
RETAINING WALL DETAILS**

SCALE: N/A    SHEET 1 OF 1 SHEETS    STA. N/A    TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	27
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

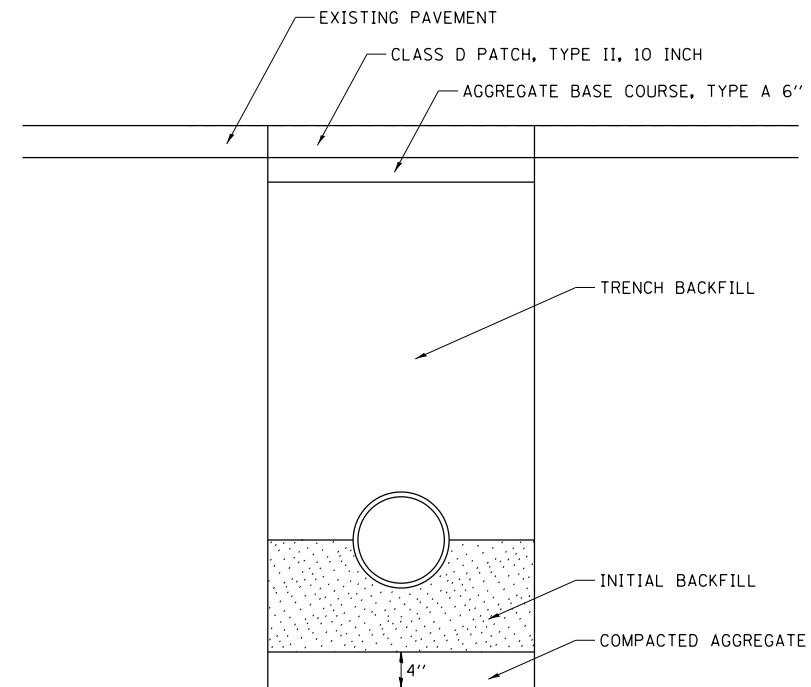


**GENERAL NOTES**

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE AND IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.
2. THIS WORK WILL BE PAID FOR BY THE CUBIC YARD FOR CONCRETE COLLAR. REINFORCEMENT BARS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR.
3. MINIMUM 1' LAP ON U BARS.
4. MODULAR BLOCKS FOR PROPOSED RETAINING WALL SHALL BE PLACED FLAT AGAINST TOP AND SIDES OF CONCRETE COLLAR.

**CONCRETE COLLAR DETAILS**

(APPLICABLE AT X-RD CULVERT STA 31+75.2, LT)



**X-RD CULVERT BACKFILL DETAIL**

MODEL Detail  
FILE Name: V:\215 - Kickapoo Edwards Rd - PH II (Pav) - CO\CADD\CADD Sheets\0489732-011-detailed.dgn

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	DRAWN - SRH	REVISED -
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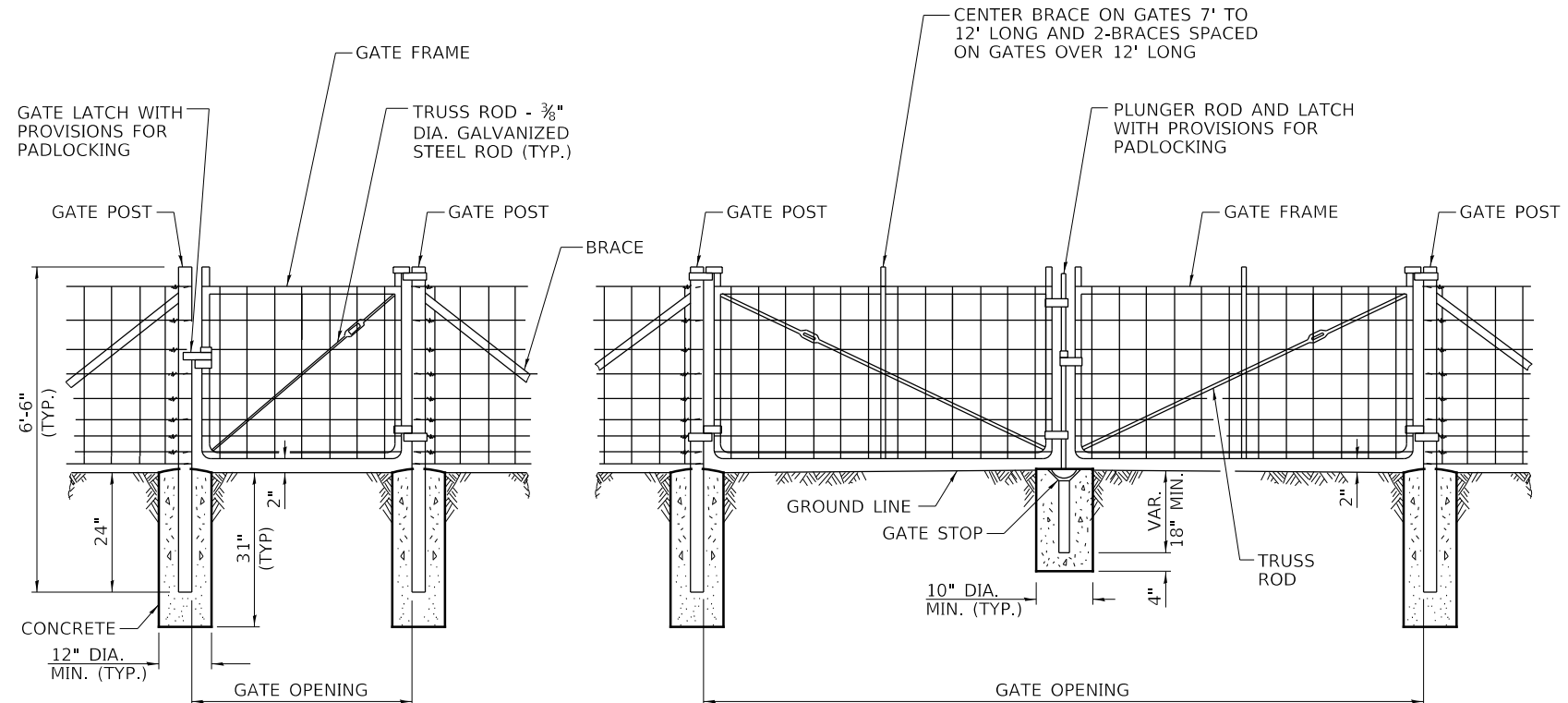
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CONCRETE COLLAR & CULVERT BACKFILL DETAILS**

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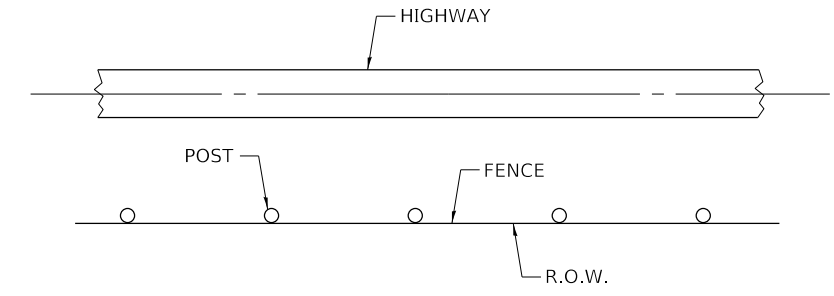
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	28
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

**FENCE USING METAL POSTS**



**SINGLE GATE**

**DOUBLE GATE**



**PLAN**

**NOTES**

TOP AND BOTTOM WIRES OF WOVEN FENCE SHALL BE TIED TO EACH POST. TIE EVERY OTHER WIRE BETWEEN, ALTERNATING ON SUCCESSIVE POSTS.

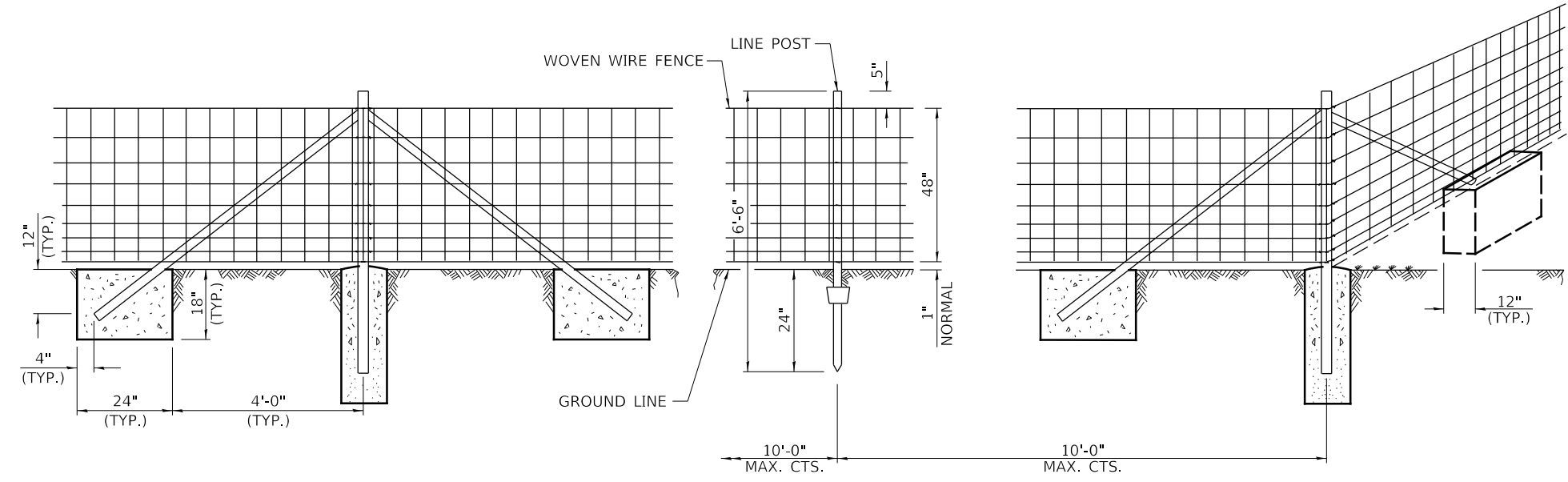
LINE WIRES OF WOVEN FENCE SHALL BE FASTENED TO THE CORNER, END, PULL, AND GATE POSTS BY WRAPPING THE WIRES AROUND THE POST AND TYING BACK ON ITSELF WITH NOT LESS THAN 3 TWISTS TIGHTLY WRAPPED.

**GENERAL NOTES**

PULL POSTS SHALL BE PLACED AT THE LOCATIONS DETERMINED BY THE ENGINEER. THEY SHALL BE PLACED AT 660' INTERVALS BETWEEN POSTS TO WHICH THE ENDS OF THE FABRIC AND BARBED WIRES ARE FASTENED OR MIDWAY BETWEEN SUCH POSTS WHEN THE DISTANCE IS LESS THAN 1320' AND GREATER THAN 660'.

BRACING FOR GATE POSTS SHALL BE THE SAME TYPE USED FOR END POSTS.

THE CLEARANCE BETWEEN THE BOTTOM FENCE WIRE AND THE GROUND MAY BE UP TO 3" FOR A MAXIMUM DISTANCE OF 8' WHEN UNEVEN GROUND IS ENCOUNTERED.



**PULL POST**

**LINE POST**

**CORNER OR END POST**

MODEL: Default; FILE: W:\215 - Kickapoo Edwards Rd - PH II (Pocah) Co\CADD\CADD Sheets\0489732-sh-drawings.dwg

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PLOT DATE = 10/10/2018	DATE - 9-24-18	REVISED -

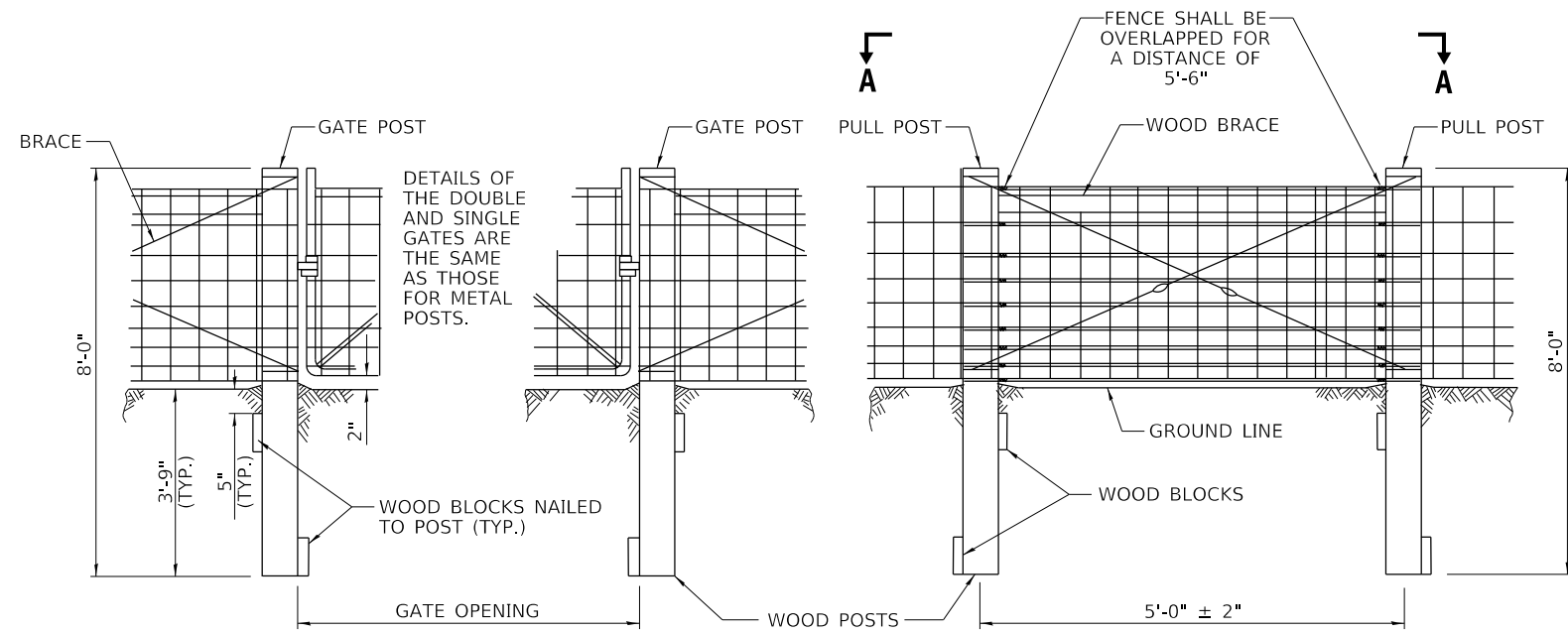
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
WOVEN WIRE FENCE DETAILS**

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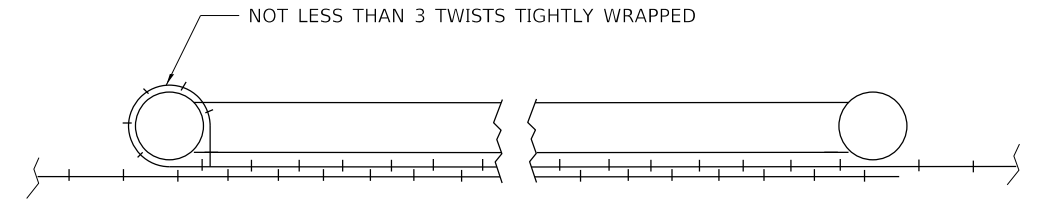
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386	16-00054-00-5P	PEORIA	49	29
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

**FENCE USING WOOD POSTS**

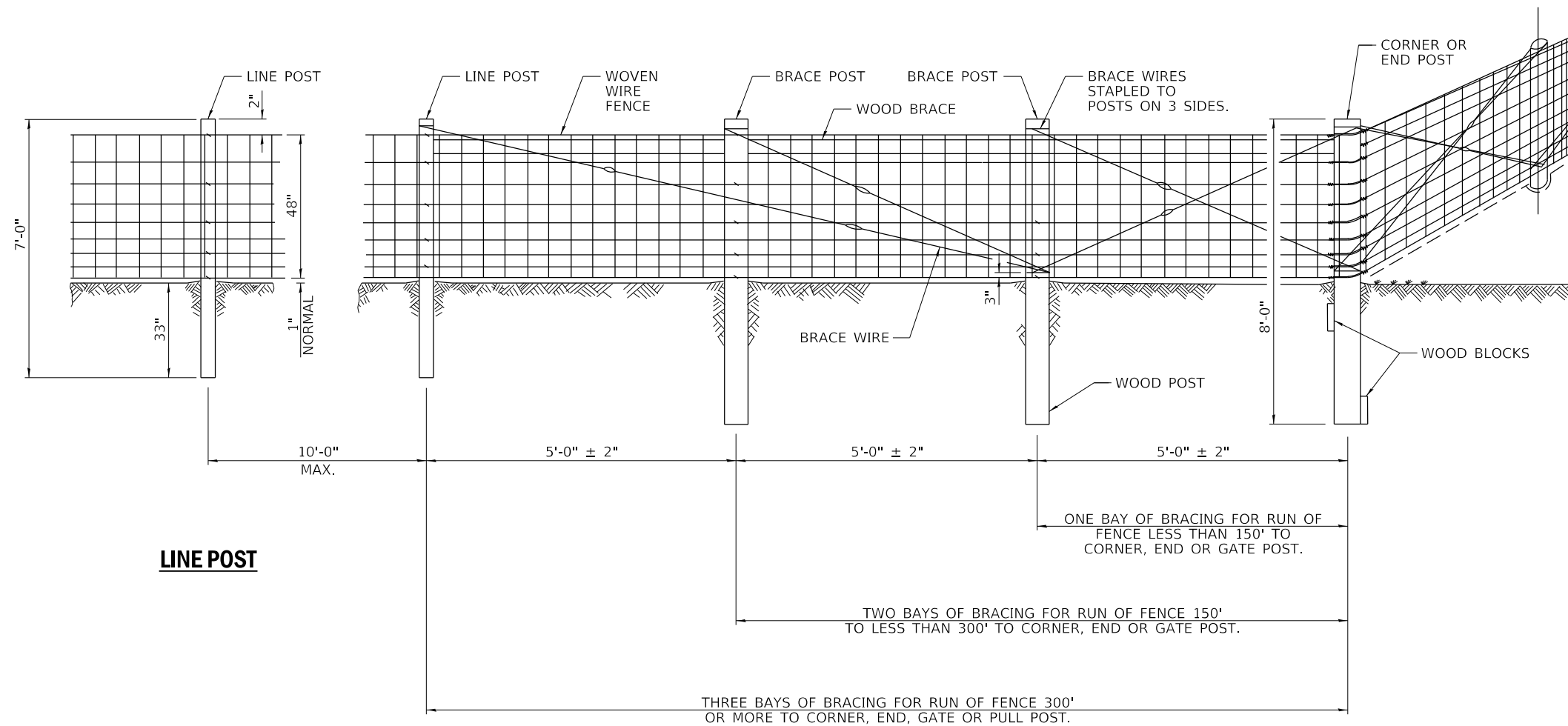


**SINGLE OR DOUBLE GATE**

**PULL POST**



**SECTION A-A**



**LINE POST**

**CORNER OR END POST**

**NOTE**

TOP AND BOTTOM WIRE OF WOVEN FENCE SHALL BE STAPLED TO EACH POST. STAPLE EVERY OTHER WIRE BETWEEN, ALTERNATING ON SUCCESSIVE POSTS.

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	DATE - 9-24-18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
WOVEN WIRE FENCE DETAILS**

SCALE: N/A SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	30
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

**METAL ITEMS**

GATE FRAMES		CORNER, END or PULL POSTS		LINE POSTS		BRACES	
Section	lbs./ft. (kg/m)	Section	lbs./ft. kg/m	Section	lbs./ft. (kg/m)	Section	lbs./ft. (kg/m)
Type A: Pipe 1.66 (42.2) O.D. Type B: Pipe 1.66 (42.2) O.D. Type C: Pipe 1.66 (42.2) O.D.	2.27 (3.38) 1.83 (2.72) 1.82 (2.71)	Type A: Pipe 2.375 (60.3) O.D. Type B: Pipe 2.375 (60.3) O.D. Type C: Pipe 2.375 (60.3) O.D. Tubing 2.5 (63.5) Sq. Angle 2½x2½x¼ (64x64x6.4)  H, I, U, structural shapes	3.65 (5.43) 3.11 (4.63) 3.09 (4.60) 4.32 (6.43) 4.1 (6.10)  4.1 (6.10) min.	Type A: Pipe 1.315 (33.4) O.D. Type B: Pipe 1.315 (33.4) O.D. Type C: Pipe 1.315 (33.4) O.D. Tubing 1 (25.4) Sq.  L, C, T, U, Y or other approved structural shapes	1.68 (2.50) 1.34 (1.99) 1.33 (1.98) 1.41 (2.10)  1.33 (1.98) min.	Type A: Pipe 1.66 (42.2) O.D. Type B: Pipe 1.66 (42.2) O.D. Type C: Pipe 1.66 (42.2) O.D.  Angle 2½x2½x¼ (64x64x6.4)  or other approved structural shapes	2.27 (3.38) 1.83 (2.72) 1.82 (2.71)  3.19 (4.75)  3.1 (4.61) min.

**METAL ITEMS**

GATE POSTS					
Single gate up to 4 ft. (1.22 m) Double gate up to 8 ft. (2.44 m)		over 4 ft. to 8 ft. (1.22 m to 2.44 m) over 8 ft. to 16 ft. (2.44 m to 4.88 m)		over 8 ft. to 12 ft. (2.44 m to 3.66 m) over 16 ft. to 24 ft. (4.88 m to 7.32 m)	
Section	lbs./ft. (kg/m)	Section	lbs./ft. (kg/m)	Section	lbs./ft. (kg/m)
Type A: Pipe 2.375 (60.3) O.D. Type B: Pipe 2.375 (60.3) O.D. Type C: Pipe 2.375 (60.3) O.D. Tubing 2.5 (63.5) Sq. Angle 2½x2½x¼ (64x64x6.4) H, I, U, structural shapes	3.65 (5.43) 3.11 (4.63) 3.09 (4.60) 4.32 (6.43) 4.1 (6.10)  4.1 (6.10) min.	2.875 (73.0) O.D. 2.875 (73.0) O.D. 2.875 (73.0) O.D. 3 (76.2) Sq. 3x3x¾ (76x76x7.9)	5.79 (8.62) 4.64 (6.91) 3.78 (5.63) 5.78 (8.60) 6.1 (9.08)  6.1 (9.08) min.	3.500 (88.9) O.D.   3 (76.2) Sq. 3½x3½x¾ (76x76x9.5)	7.58 (11.28)   8.80 (31.10) 8.5 (10.70)  8.5 (10.70) min.

**WOOD ITEMS**

(S4S or Rough Sawn)

GATE, CORNER, END or PULL POSTS	BRACES and LINE POSTS	BLOCKS
6 to 7 (150 to 175) Top dia. 6x6 (150x150)	4 to 5 (100 to 125) Top dia. 4x4 (100x100)	2x8x18 (50x200x450)

MODEL: D:\data\... FILE: Woven Wire Fence Details - KICKAPOO-EDWARDS RD - PH II (Project) - CO:\CADD\CADD Sheets\0489732-01-detailed-7.dgn

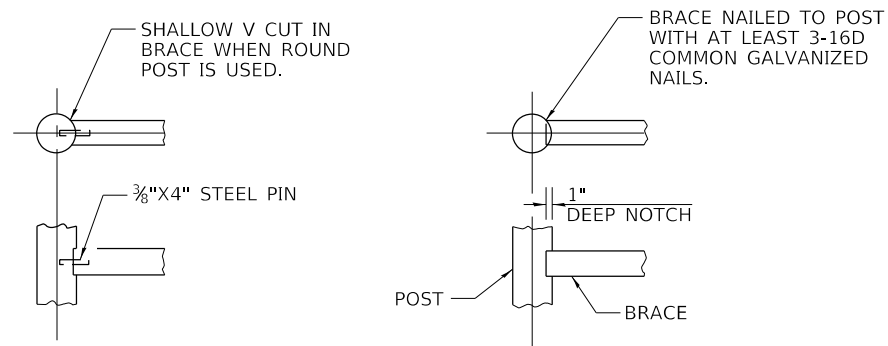
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

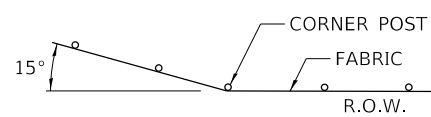
**KICKAPOO-EDWARDS RD  
WOVEN WIRE FENCE DETAILS**

SCALE: N/A SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	31
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

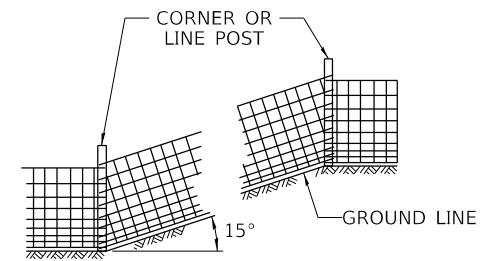


**ALTERNATE DETAILS FOR FASTENING  
WOOD BRACE TO WOOD POST**



**NOTE:**  
WHERE FENCE LINE HAS A CHANGE IN DIRECTION OF 15° OF MORE, A CORNER POST WITH BRACING AS REQUIRED SHALL BE PLACED AS SHOWN ABOVE. WHERE ANGLE IS LESS THAN 15° AND EXISTING CONDITIONS REQUIRE A CORNER POST, THEY SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

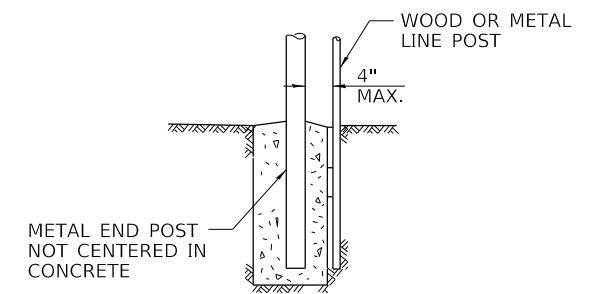
**INSTALLATION AT CORNERS**



**NOTE:**  
WHERE GRADE LINE HAS A CHANGE IN SLOPE OF 15° OR MORE, A CORNER POST WITH BRACING AS REQUIRED SHALL BE PLACED AS SHOWN ABOVE. WHERE ANGLE IS LESS THAN 15° LINE POSTS MAY BE USED.

WHEN THE TENSION OF THE FENCE TENDS TO PULL THE POSTS FROM THE GROUND, THE LINE POSTS SHALL BE ANCHORED WITH THE APPLICABLE CONCRETE OR WOOD ANCHORAGE SPECIFIED FOR CORNER POSTS.

**INSTALLATION ON SLOPES**



**DETAIL A**

MODEL: Detail1  
FILE: Model\_VA3215 - Kickapoo Edwards Rd - PH II (Pecor) CO/CADD/CADD Sheets/D489732-sh-detailed.dgn

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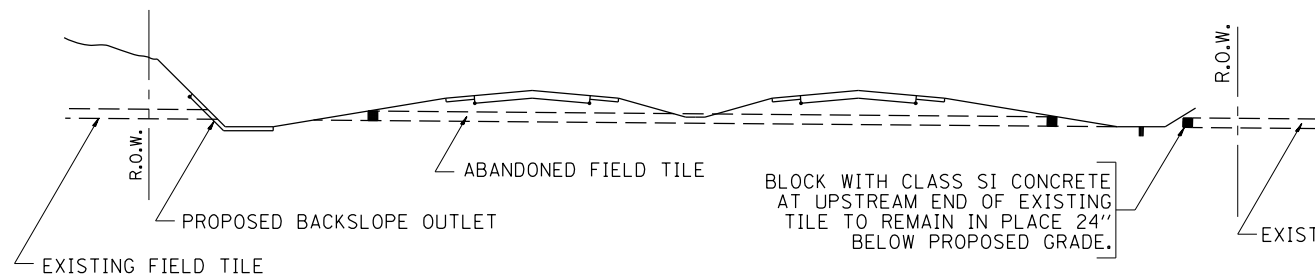
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
WOVEN WIRE FENCE DETAILS**

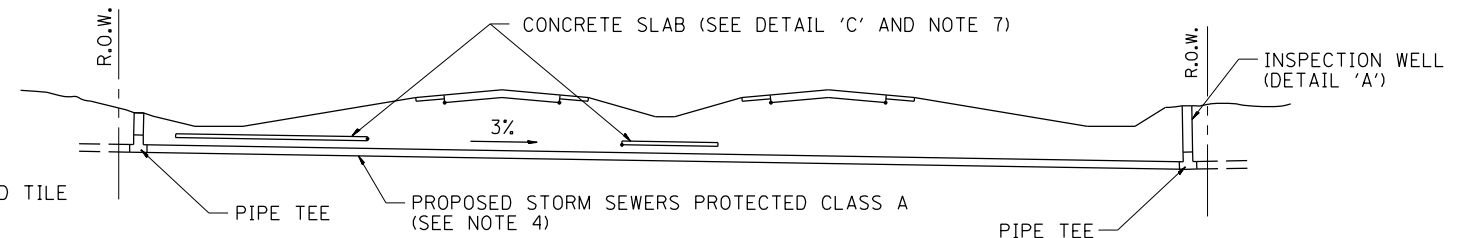
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CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

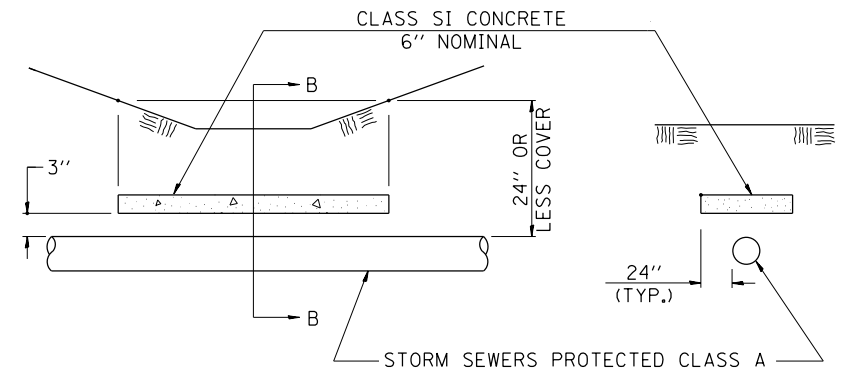




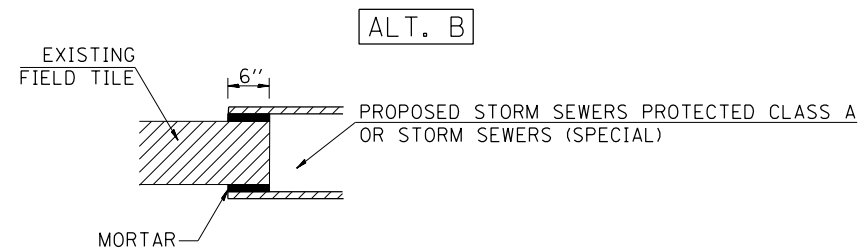
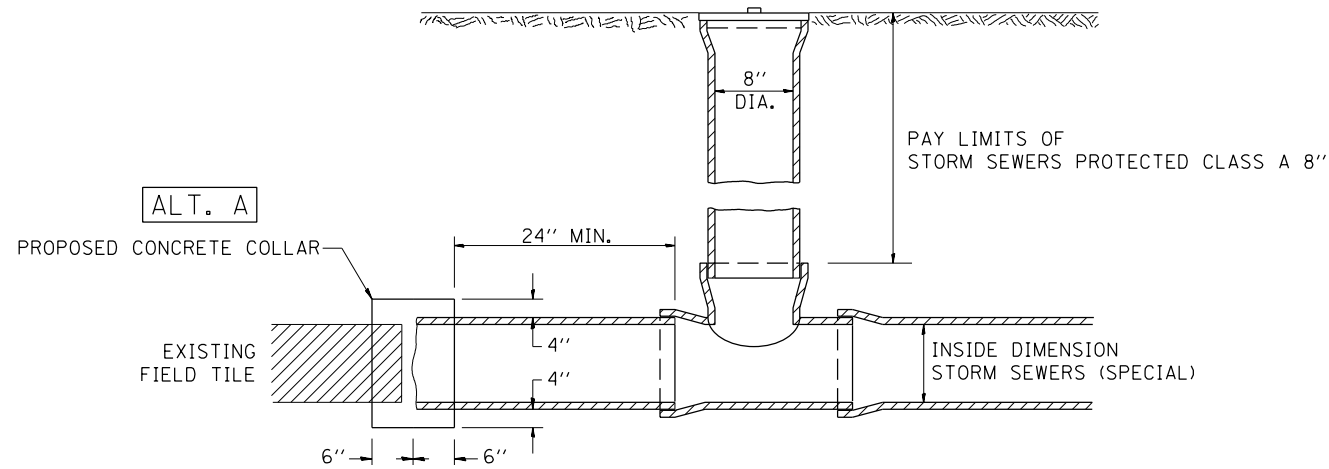
**METHOD 'A'**  
STORM SEWER FLOWLINE AT 6" OR MORE ABOVE PROPOSED DITCH FLOWLINE



**METHOD 'B'**  
STORM SEWERS BELOW PROPOSED DITCH FLOWLINE



**ELEVATION**  
**SECTION B-B**  
**CONCRETE SLAB**  
**DETAIL 'C'**



**INSPECTION WELL**  
**DETAIL 'A'**

**GENERAL NOTES:**

- METHOD 'A' IS THE PREFERRED METHOD OF INSTALLATION AND SHOULD BE USED TO MINIMIZE NON-ESSENTIAL PIPE CROSSING UNDER PAVEMENT. THE ENGINEER SHOULD CONSIDER ADJUSTING DITCH ELEVATIONS TO ACCOMMODATE THE FIELD TILE OUTLETTING 6" ABOVE THE DITCH FLOWLINE.
- METHOD 'B' SHALL BE USED ONLY IF DITCH ELEVATIONS CANNOT BE ADJUSTED TO ACCOMMODATE THE USE OF METHOD 'A'.
- ABANDONED FIELD TILES SHALL BE PLUGGED WITH CLASS SI CONCRETE, AS DIRECTED BY THE ENGINEER, INCLUDED IN THE COST OF STORM SEWERS PROTECTED CLASS A OR STORM SEWERS (SPECIAL).
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWERS PROTECTED CLASS A OR STORM SEWERS (SPECIAL) OF AT LEAST THE SAME CROSS SECTIONAL AREA AS THE UPSTREAM FIELD TILE. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- STORM SEWERS PROTECTED CLASS A 8" SHALL BE USED FOR THE INSPECTION WELL AND RISER REGARDLESS OF EXISTING TILE SIZE.
- INSPECTION WELLS SHALL BE PLACED APPROXIMATELY 24" INSIDE OF BOTH R.O.W. LINES AT THE LOCATIONS SHOWN ON THE PLANS UNLESS ARRANGEMENTS ARE MADE BY THE LAND ACQUISITION UNIT TO HAVE THE WELLS PLACED ON THE PROPERTY OWNERS SIDE OF THE R.O.W.
- THE 6" CONCRETE SLAB SHALL BE POURED THE FULL LENGTH OF THE TRENCH AT THE DITCH FLOWLINE LOCATIONS WITHIN THE RIGHT OF WAY WITH LESS THAN 24" OF EARTH COVER. PAID SEPARATELY AS MISCELLANEOUS CONCRETE.
- THE EXISTING FIELD TILES SHALL BE CONNECTED TO A STORM SEWERS PROTECTED CLASS A OR STORM SEWERS (SPECIAL) BY A CONCRETE COLLAR OR MORTARED CONNECTION AS SHOWN IN DETAIL 'A'.
- ALL COLLARS, TEES, ELBOWS, LIDS, FITTINGS AND MORTAR NECESSARY TO INSTALL THE STORM SEWER OF THE SIZE SPECIFIED, SHALL BE INCLUDED IN THE COST OF EITHER STORM SEWERS PROTECTED CLASS A OR STORM SEWERS (SPECIAL).
- APPLICABLE PORTION OF THE SPECIAL PROVISION FOR STORM SEWERS PROTECTED CLASS A APPLY.

MODEL Detail FILE Number: 16-0054-00-5P - KICKAPOO-EDWARDS RD - PH II (PREFINAL) CON/CADD/CADD Sheet: 16-0054-00-5P.dgn

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PLOT DATE = 10/10/2018	CHECKED - WSL	REVISED -
	DATE - 9-24-18	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD**  
**STORM SEWERS PROTECTED CLASS A OR STORM SEWERS (SPECIAL)**

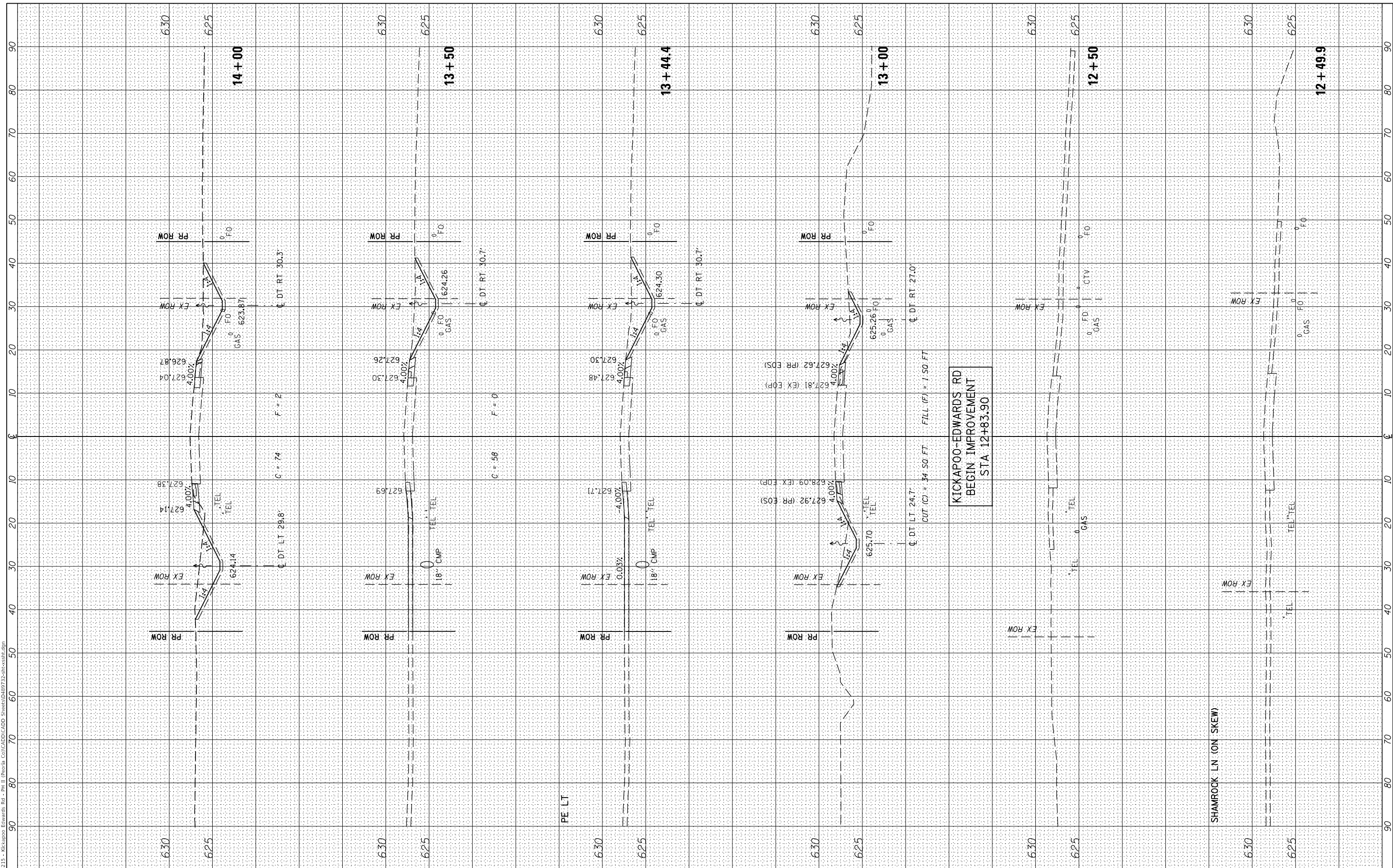
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-0054-00-5P	PEORIA	49	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89732	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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USER NAME =	SHughes
DESIGNED -	RMB
DRAWN -	SRH
CHECKED -	WSL
DATE -	6-25-18
PLOT SCALE =	20,0000' / In.
PLOT DATE =	10/10/2018

REVISD -	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CROSS SECTIONS**

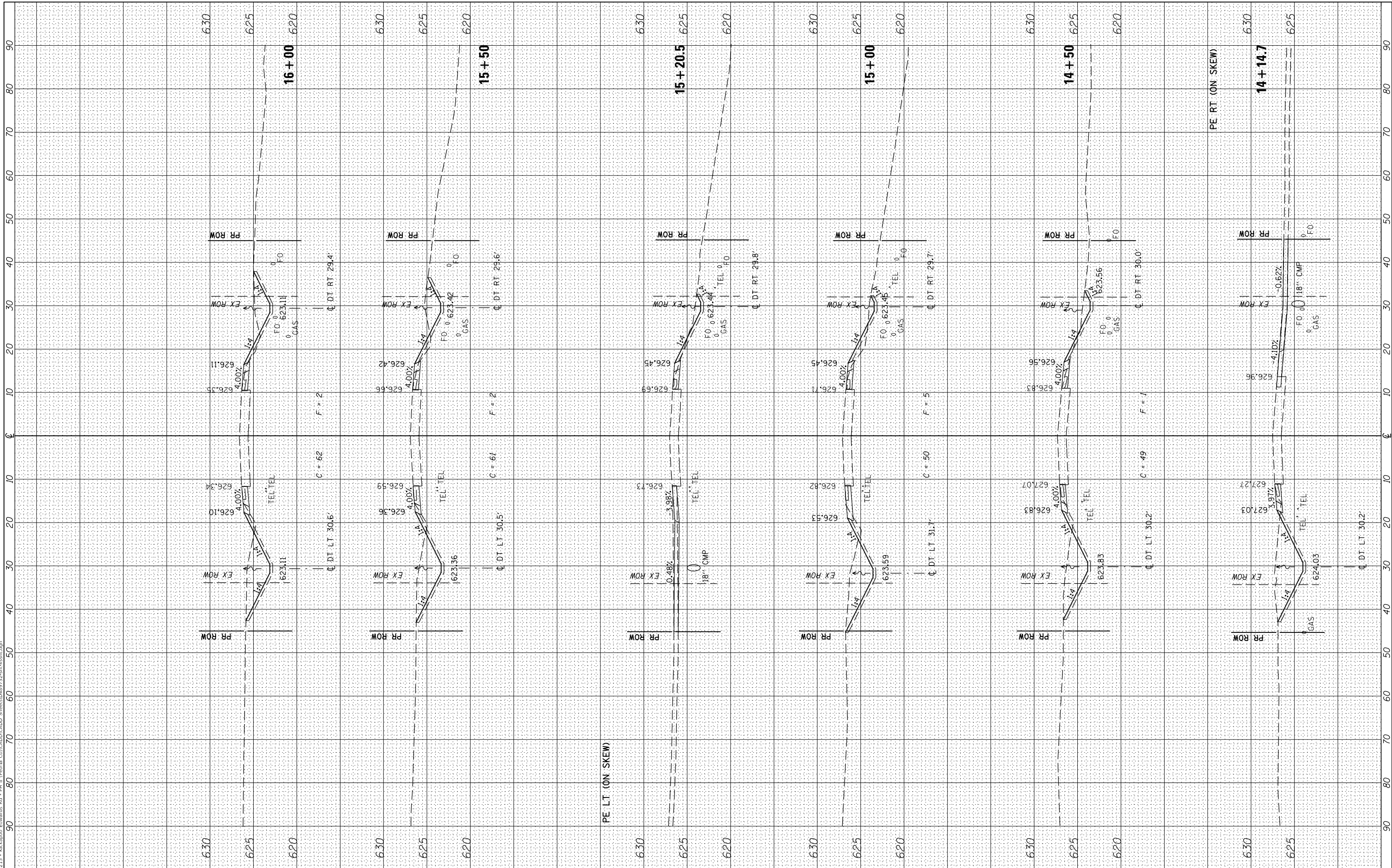
SCALE: H=10 V=5 SHEET 1 OF 16 SHEETS STA. 12+49.9 TO STA. 14+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	34
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: Definit  
 FILE NAME: V:\1215 - Kickapoo-Edwards Rd - Ph II (Per) - B CO\ICAD\CADD Sheets\089732-sh-cs31.dgn



USER NAME	= Shughes
DESIGNED	- RMB
DRAWN	- SRH
CHECKED	- WSL
DATE	- 6-25-18

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

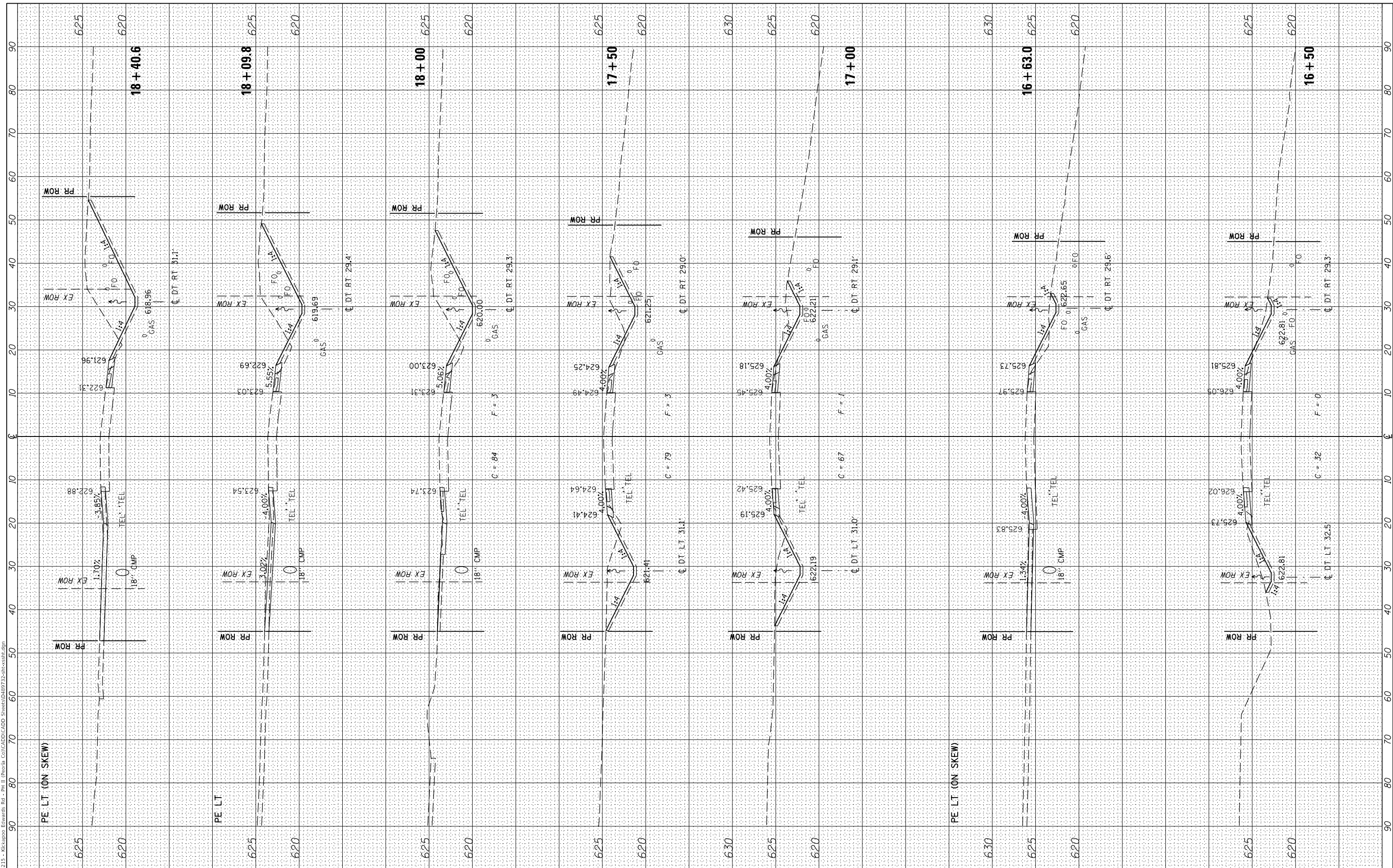
SCALE: H=10 V=5 SHEET 2 OF 16 SHEETS STA. 14+14.7 TO STA. 16+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	35
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: Definitive  
 FILE NAME: V:\215 - Kickapoo-Edwards Rd - Ph II (Per)B CO\ICAD\CADD Sheets\089732-sh-cs31.dgn



USER NAME =	SHughes
DESIGNED -	RMB
DRAWN -	SRH
CHECKED -	WSL
DATE -	6-25-18

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 3 OF 16 SHEETS STA. 16+50 TO STA. 18+40.6

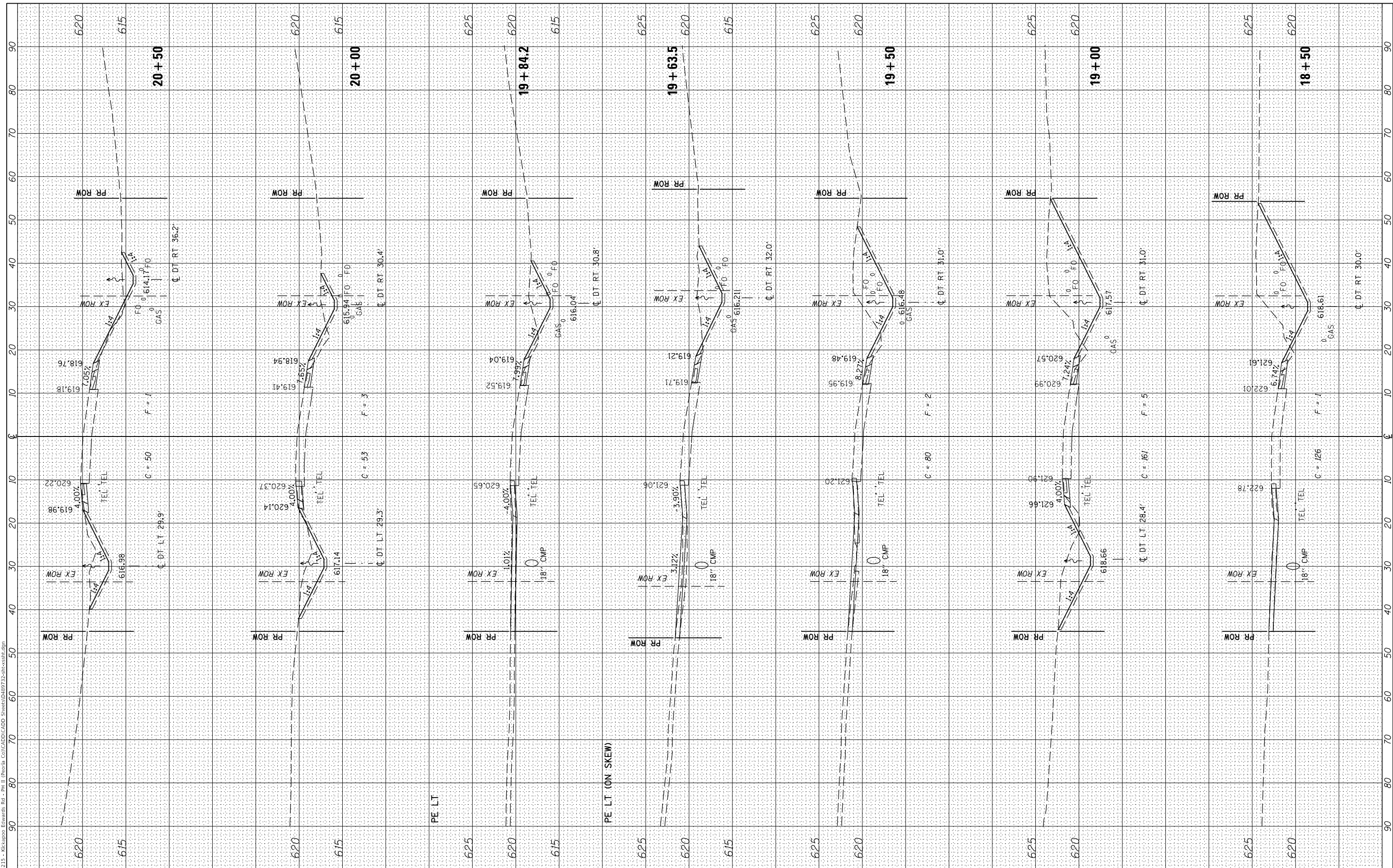
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	36
CONTRACT NO. 89732				

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Default  
 FILE NAME: W:\215 - Kickapoo-Edwards Rd - Ph II (Per:R) CO\ICAD\CADD Sheets\089732-sh-cs31.dgn



USER NAME =	Shughes
DESIGNED -	RMB
DRAWN -	SRH
CHECKED -	WSL
DATE -	6-25-18

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

KICKAPOO-EDWARDS RD  
 CROSS SECTIONS

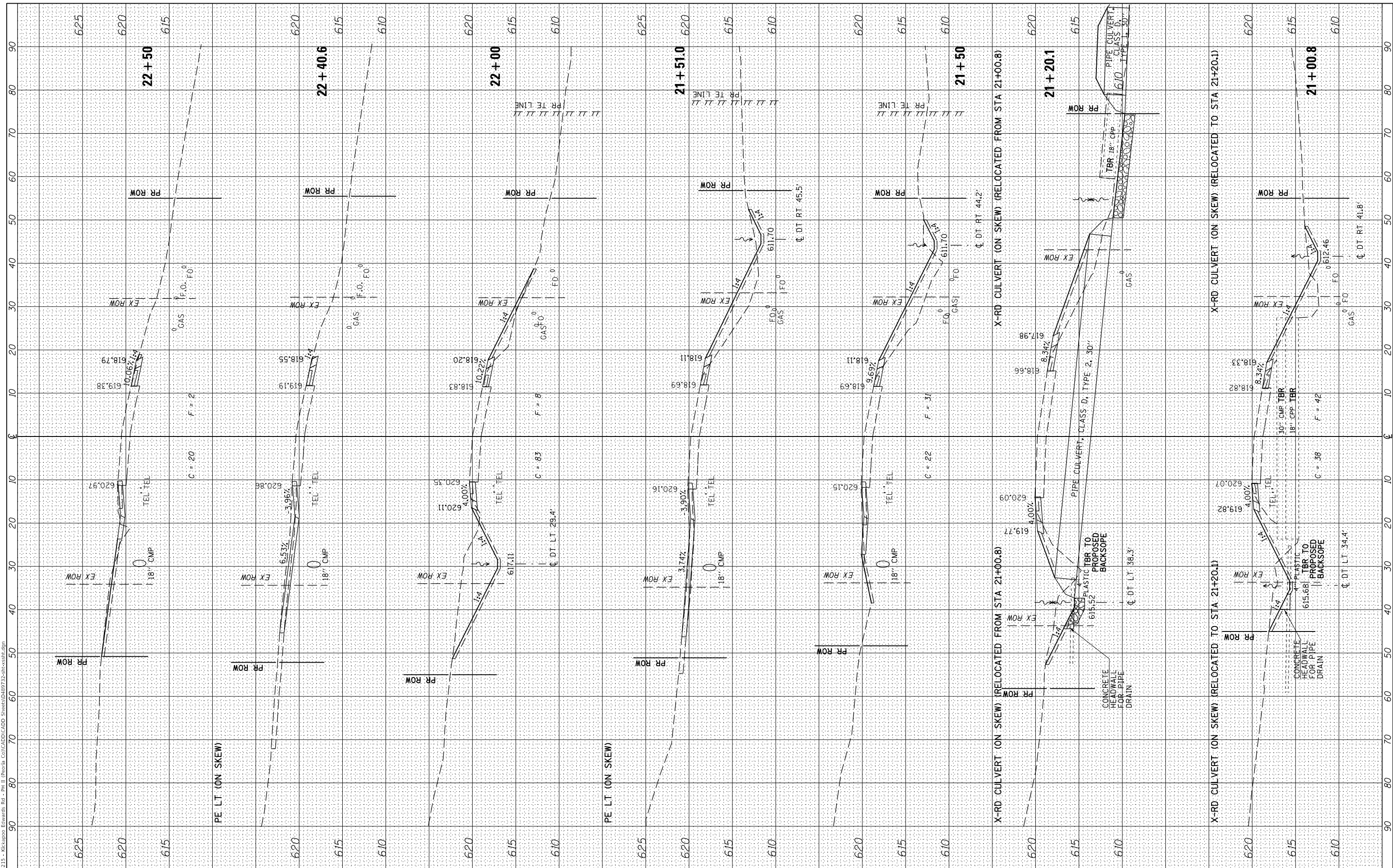
SCALE: H=10 V=5 SHEET 4 OF 16 SHEETS STA. 18+50 TO STA. 20+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	37
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: D:\milit FILE NAME: W:\215 - Kickapoo-Edwards Rd - Ph II (Per) B CO\ICAD\CADD Sheets\0489732-eh-ss1.dwg



USER NAME	= S Hughes
DESIGNED	- RMB
DRAWN	- SRH
CHECKED	- WSL
DATE	- 6-25-18
PLOT SCALE	= 20,0000' / in.
PLOT DATE	= 10/10/2018

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REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CROSS SECTIONS**

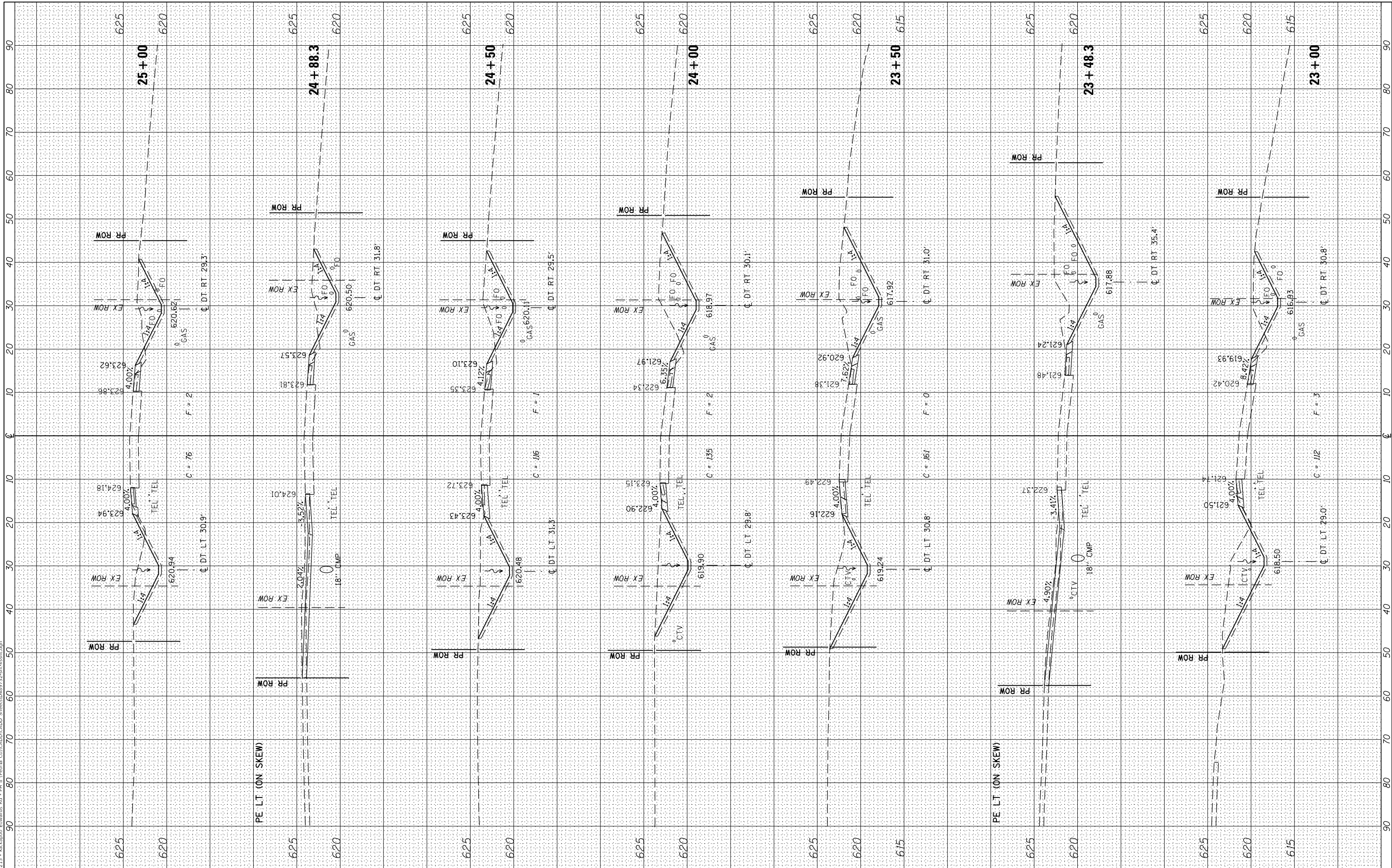
SCALE: H=10 V=5 SHEET 5 OF 16 SHEETS STA. 21+00.8 TO STA. 22+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	38
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

MODEL: Definit  
 FILE NAME: W:\215 - Kickapoo-Edwards Rd - Ph II (Per:8 CO)CAD\CADD Sheets\089732-sh-cs31.dgn



USER NAME	= Shughes
DESIGNED	- RMB
DRAWN	- SRH
CHECKED	- WSL
DATE	- 6-25-18

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

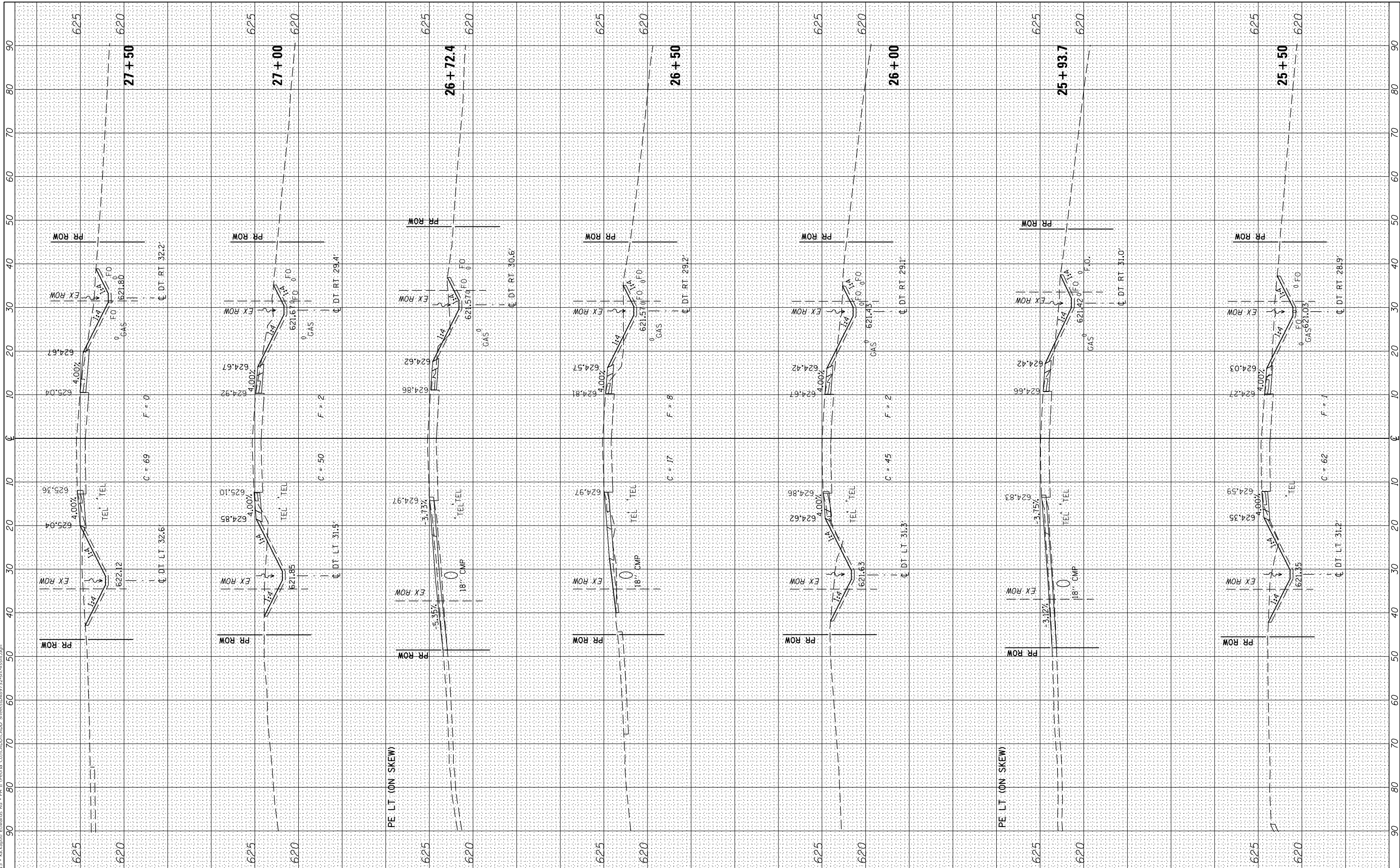
SCALE: H=10 V=5 SHEET 6 OF 16 SHEETS STA. 23+00 TO STA. 25+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	39
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Definit  
 FILE NAME: V:\215 - Kickapoo-Edwards Rd - Ph II (Per) B CO\ICAD\CADD Sheets\089732-sh-cs31.dgn



USER NAME = Shughes	DESIGNED - RMB	REVISED -
PLOT SCALE = 20,0000' / In.	DRAWN - SRH	REVISED -
PLOT DATE = 10/10/2018	CHECKED - WSL	REVISED -
	DATE - 6-25-18	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 7 OF 16 SHEETS STA. 25+50 TO STA. 27+50

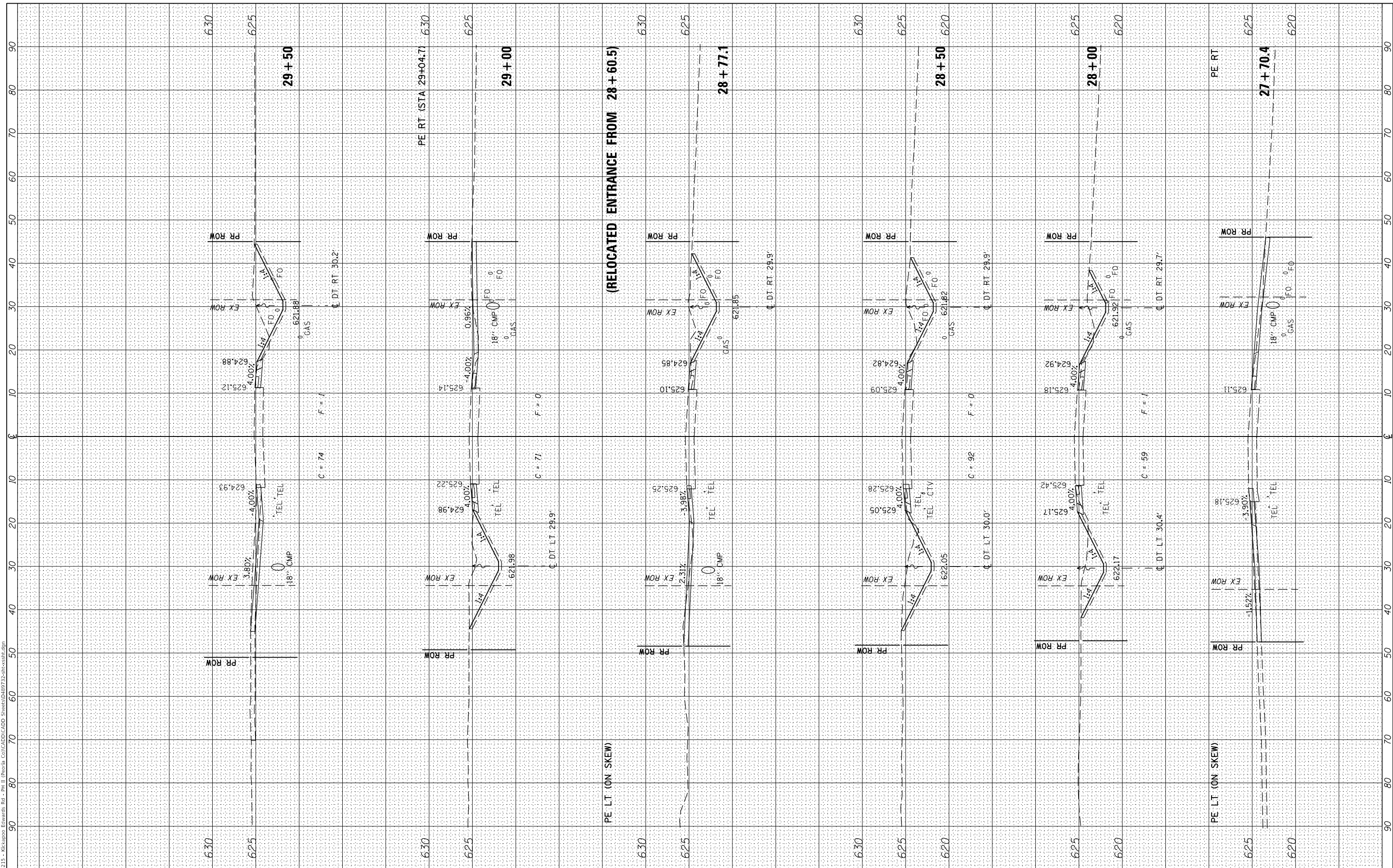
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	40
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME =	SHughes
DESIGNED -	RMB
DRAWN -	SRH
CHECKED -	WSL
DATE -	6-25-18

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CROSS SECTIONS**

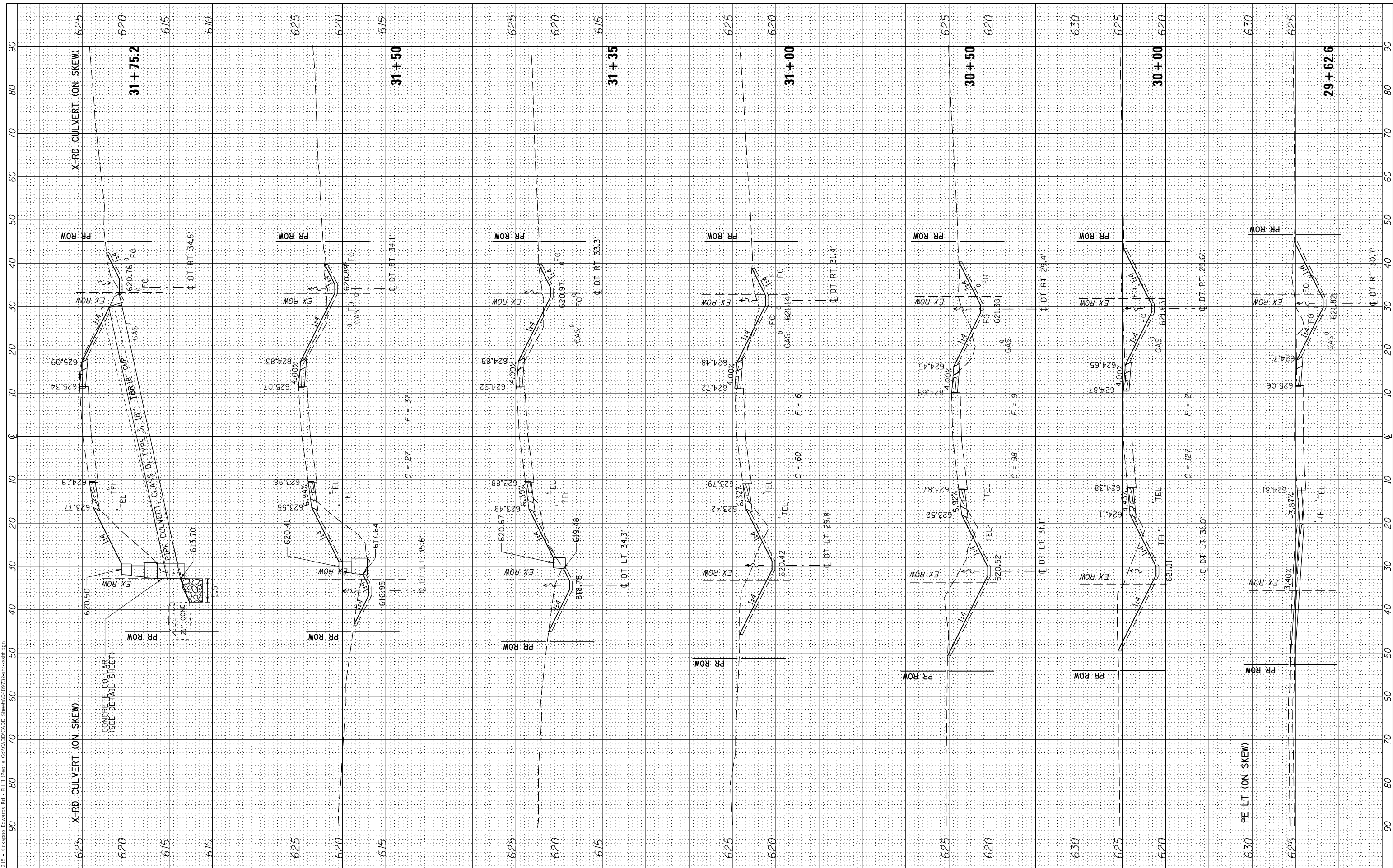
SCALE: H=10 V=5 SHEET 8 OF 16 SHEETS STA. 27+70.4 TO STA. 29+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	41
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK		
AREAS CHECKED		
AREAS CHECKED		

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK		
AREAS CHECKED		
AREAS CHECKED		

MODEL: Default  
 FILE NAME: V:\1215 - Kickapoo-Edwards Rd - Ph II (Per:R) CO\ICAD\CADD Sheets\089732-sh-cs31.dgn



USER NAME = Shughes	DESIGNED - RMB	REVISED -
	DRAWN - SRH	REVISED -
PLOT SCALE = 20,0000' / In.	CHECKED - WSL	REVISED -
PLOT DATE = 10/10/2018	DATE - 6-25-18	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

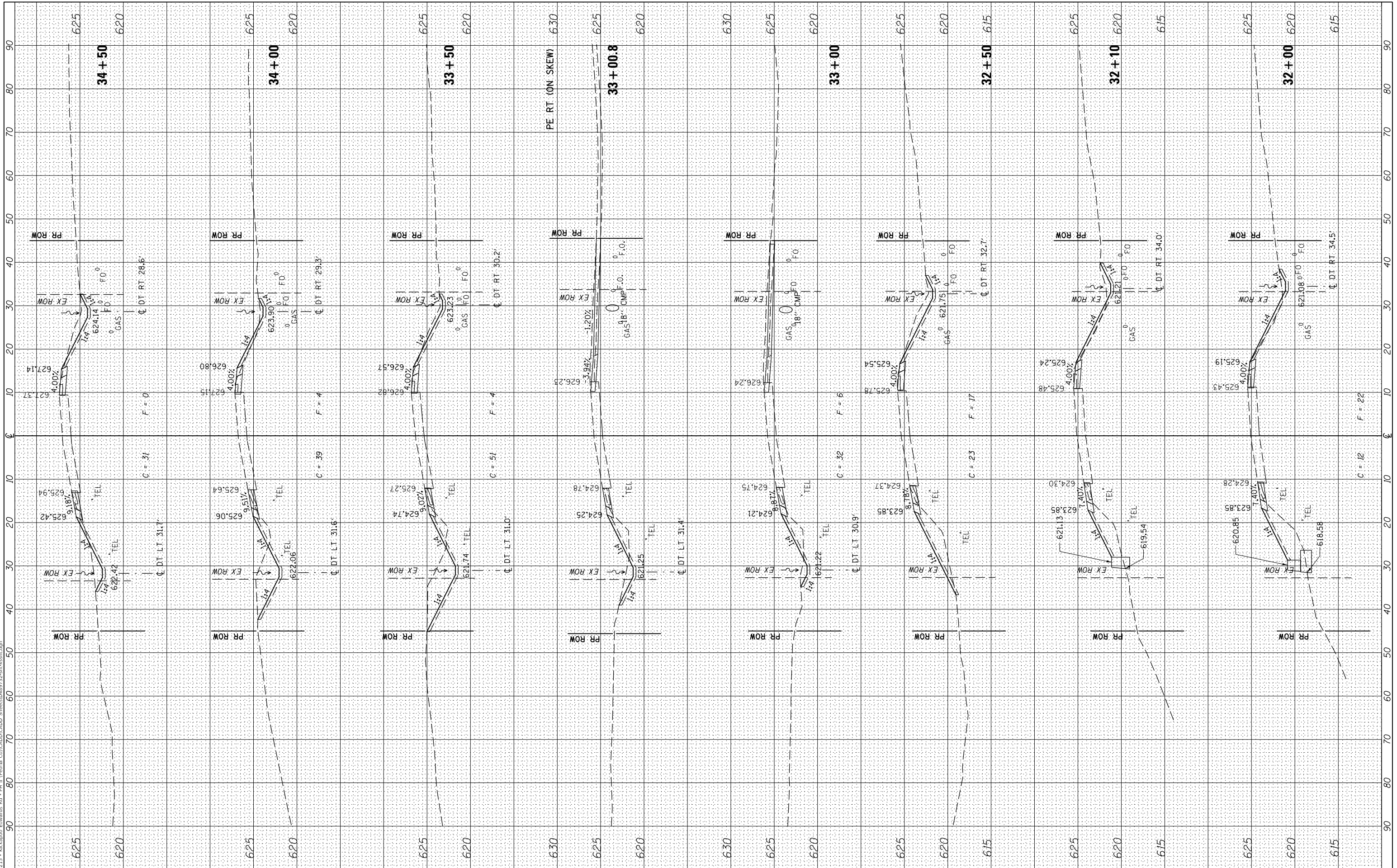
SCALE: H=10 V=5    SHEET 9 OF 16 SHEETS    STA. 29+62.6 TO STA. 31+75.2

F.A.S. RTE. 386	SECTION 16-00054-00-5P	COUNTY PEORIA	TOTAL SHEETS 49	SHEET NO. 42
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: Default  
 FILE NAME: W:\215 - Kickapoo-Edwards Rd - Ph II (Per)B CO\ICAD\CADD Sheets\089732-sh-cs31.dgn



USER NAME	= S Hughes
DESIGNED	- RMB
DRAWN	- SRH
CHECKED	- WSL
DATE	- 6-25-18

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 10 OF 16 SHEETS STA. 32+00 TO STA. 34+50

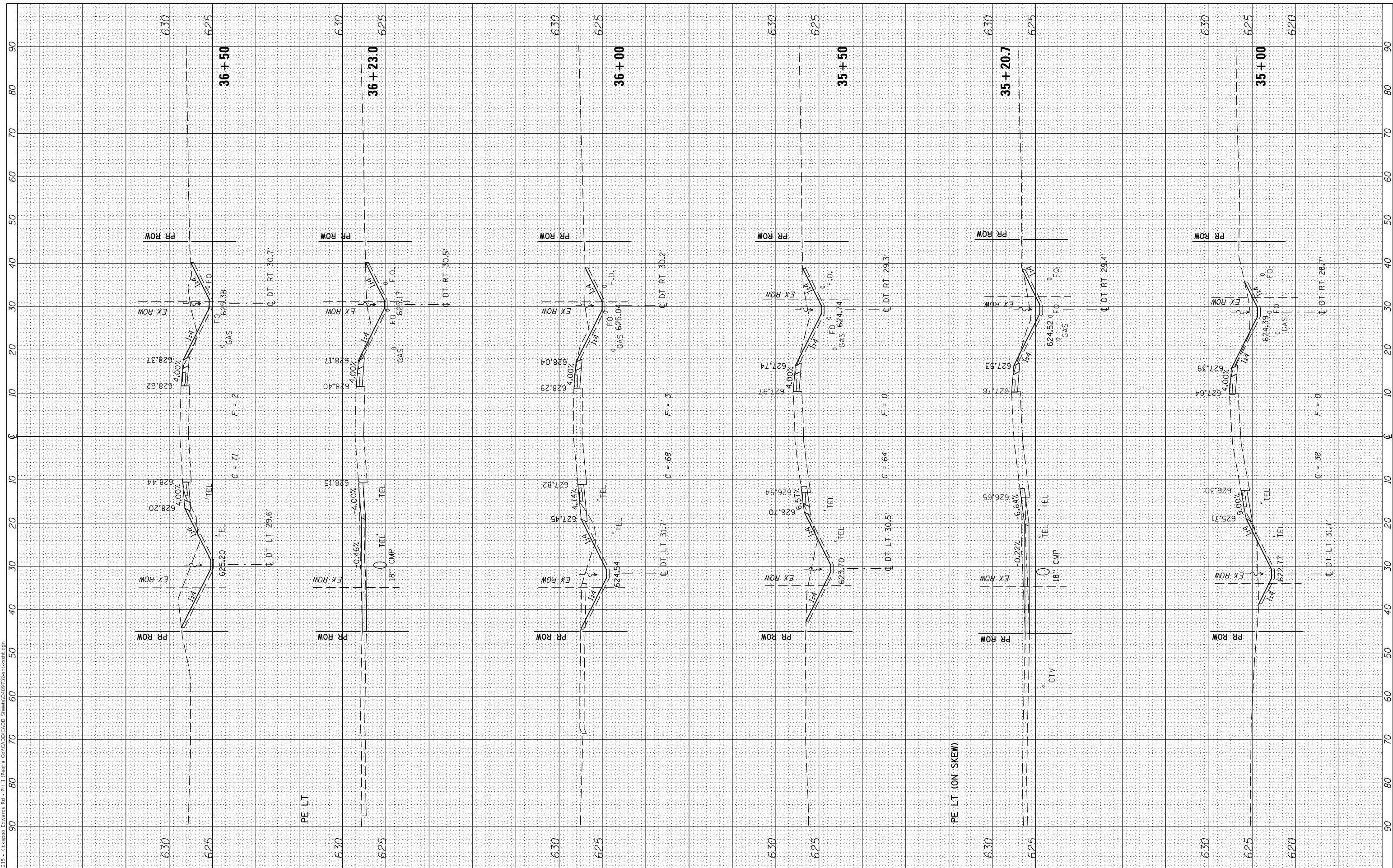
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	43
CONTRACT NO. 89732				

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: Definitive  
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USER NAME	= Shughes
DESIGNED	- RMB
DRAWN	- SRH
CHECKED	- WSL
DATE	- 6-25-18

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REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

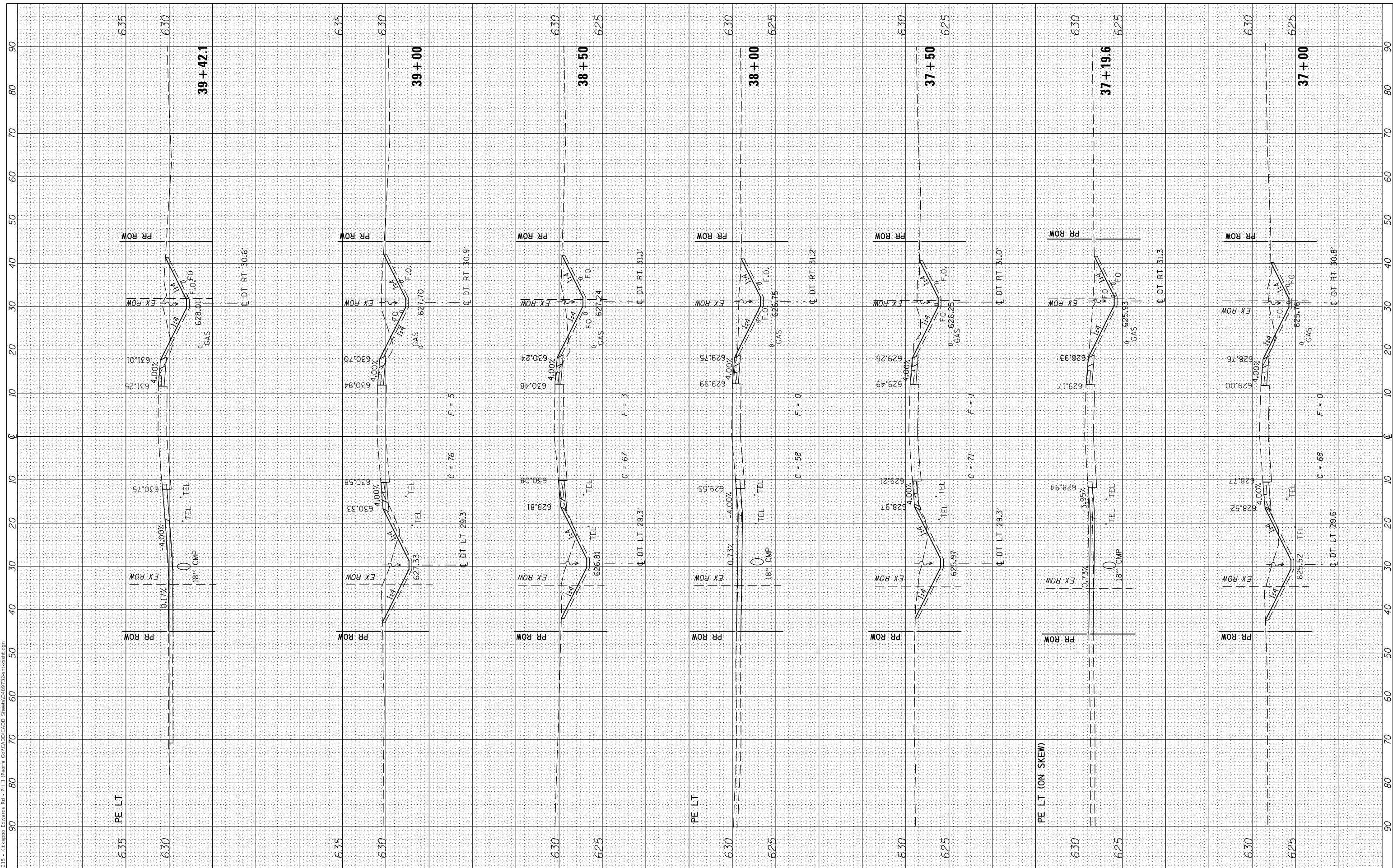
SCALE: H=10 V=5 SHEET 11 OF 16 SHEETS STA. 35+00 TO STA. 36+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	44
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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 FILE NAME: W:\215 - Kickapoo-Edwards Rd - Ph II (Per) \B\CAD\CADD Streets\0489732-sh-cs31.dgn



USER NAME =	Shughes
DESIGNED -	RMB
DRAWN -	SRH
CHECKED -	WSL
DATE -	6-25-18

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 12 OF 16 SHEETS STA. 37+00 TO STA. 39+42.1

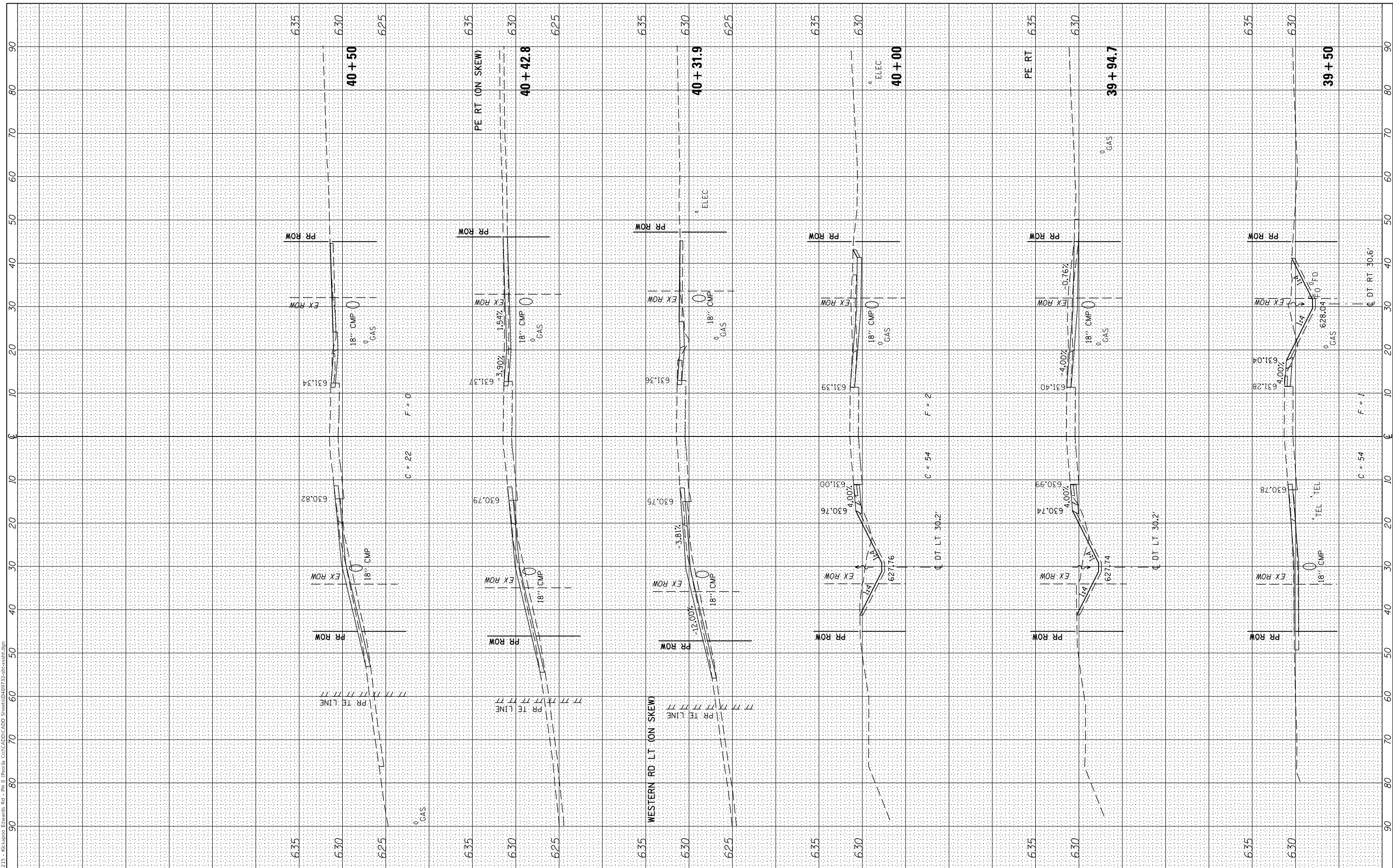
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	45
CONTRACT NO. 89732				

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Default  
FILE NAME: V:\1215 - Kickapoo-Edwards Rd - Ph II (Per)B CO\ICADD\CADD Sheets\0489732-sh-cs18.dgn



USER NAME =	Shughes
DESIGNED -	RMB
DRAWN -	SRH
CHECKED -	WSL
DATE -	6-25-18

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CROSS SECTIONS**

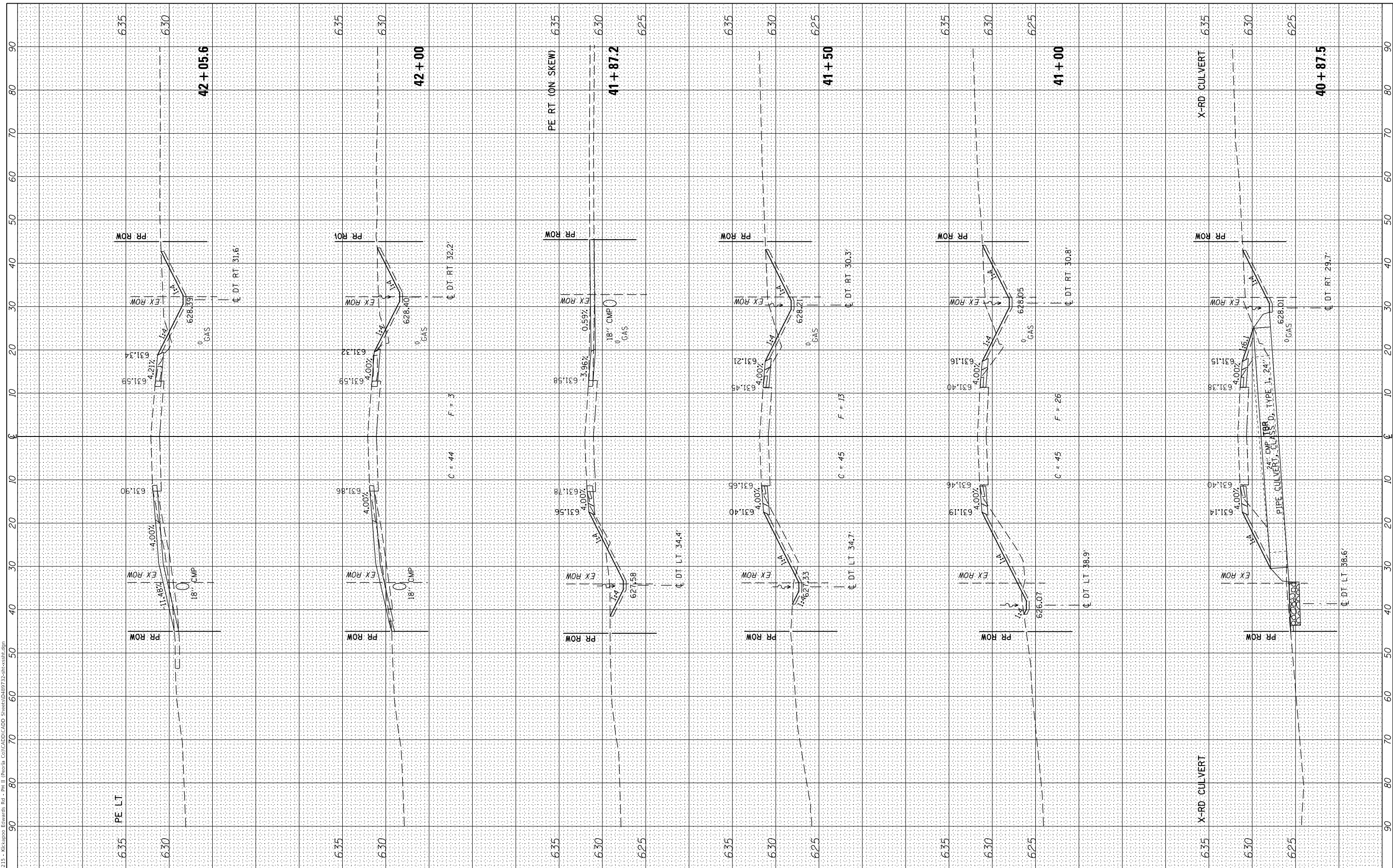
SCALE: H=10 V=5    SHEET 13 OF 16 SHEETS    STA. 39+50 TO STA. 40+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	46
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NO.	NO.		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NO.	NO.		

MODEL: Definitive  
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USER NAME =	Shughes	DESIGNED -	RMB	REVISED -	
		DRAWN -	SRH	REVISED -	
PLOT SCALE =	20,0000' / In.	CHECKED -	WSL	REVISED -	
PLOT DATE =	10/10/2018	DATE -	6-25-18	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CROSS SECTIONS**

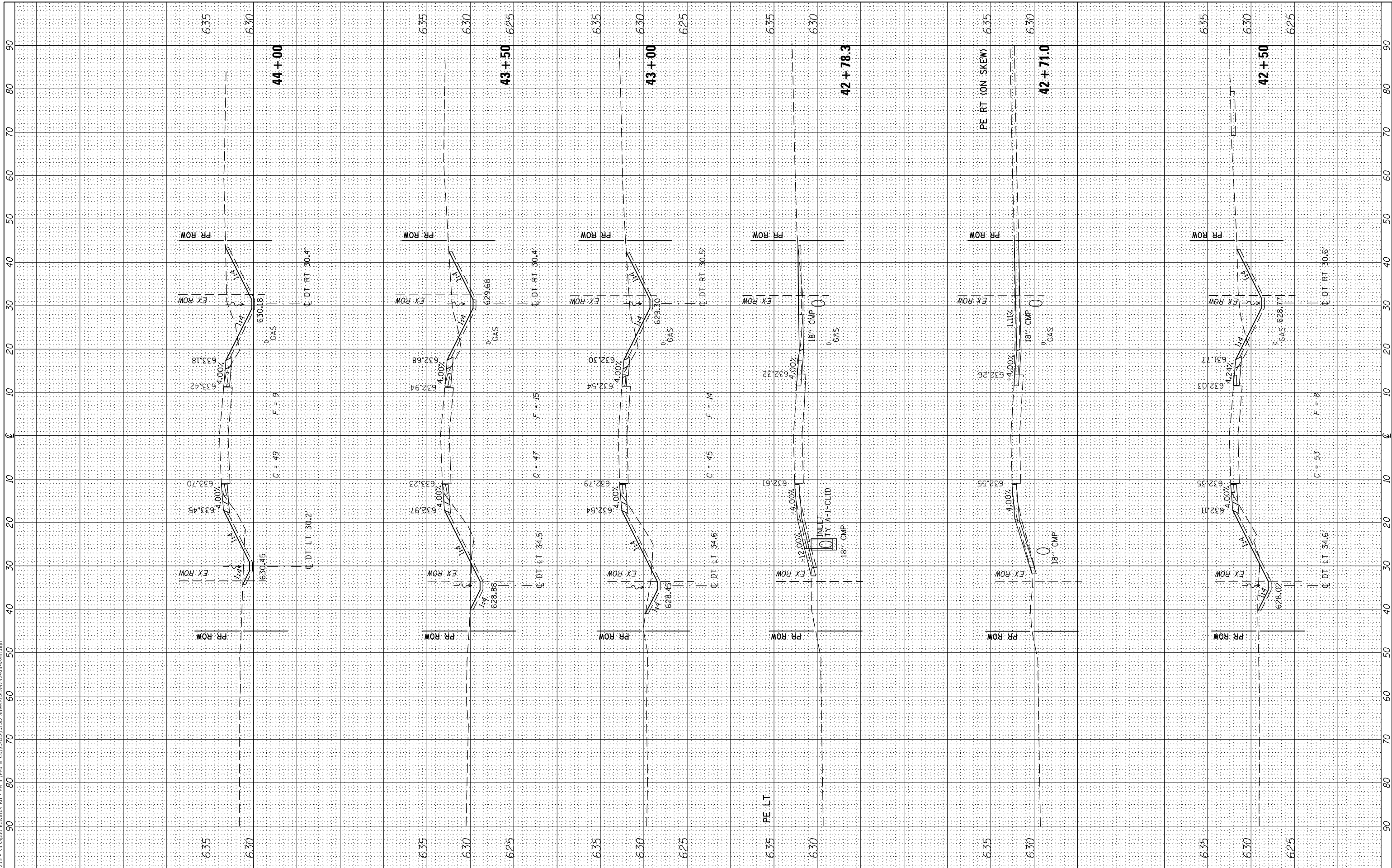
SCALE: H=10 V=5 SHEET 14 OF 16 SHEETS STA. 40+87.5 TO STA. 42+05.6

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	47
CONTRACT NO. 89732				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Definit  
 FILE NAME: V:\1215 - Kickapoo-Edwards Rd - Ph II (Per) (B) CO\ICAD\CADD Sheets\0489732-sh-cs11.dgn



USER NAME =	SHughes
DESIGNED -	RMB
DRAWN -	SRH
CHECKED -	WSL
DATE -	6-25-18

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 15 OF 16 SHEETS STA. 42+50 TO STA. 44+00

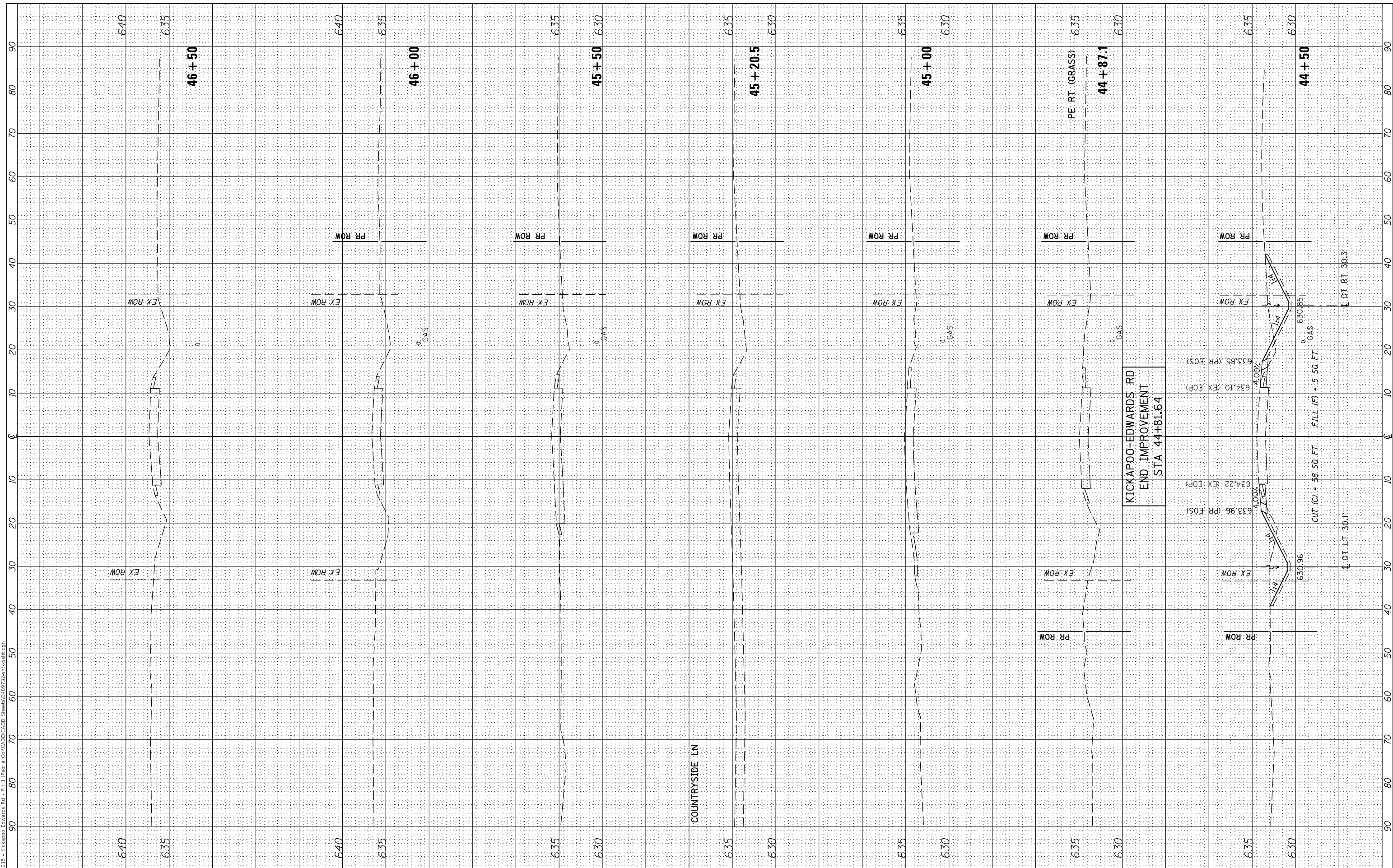
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	48
CONTRACT NO. 89732				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Default  
FILE NAME: V:\1215 - Kickapoo-Edwards Rd - Ph II (Per) (B) CO\ICAD\CADD Sheet\0489732-sh-cs11.dgn



USER NAME =	SHughes	DESIGNED -	RMB	REVISED -	
		DRAWN -	SRH	REVISED -	
PLOT SCALE =	20,0000' / In.	CHECKED -	WSL	REVISED -	
PLOT DATE =	10/10/2018	DATE -	6-25-18	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**KICKAPOO-EDWARDS RD  
CROSS SECTIONS**

SCALE: H=10 V=5    SHEET 16 OF 16 SHEETS    STA. 44+50 TO STA. 46+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
386	16-00054-00-5P	PEORIA	49	49
CONTRACT NO. 89732				
ILLINOIS FED. AID PROJECT				